Form 3160-3 FORM APPROVED (February 2005) OMB No. 1004-0137 Expires March 31, 2007 UNITED STATES Lease Serial No. DEPARTMENT OF THE INTERIOR U-0336-A **BUREAU OF LAND MANAGEMENT** If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7 If Unit or CA Agreement, Name and No. DRILL REENTER la. Type of work: **CHAPITA WELLS UNIT** 8. Lease Name and Well No. Oil Well Gas Well Other lb. Type of Well: ✓ Single Zone Multiple Zone **CHAPITA WELLS UNIT 1239-28** Name of Operator 9. API Well No. EOG RESOURCES, INC. 43-047-38076 3a. Address P.O. Box 1815 Vernal, UT 84078 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 435-781-9111 NATURAL BUTTES 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Blk. and Survey or Area 470 FNL 777 FEL (NE/NE) 40.012906 LAT 109.325267 LON At surface 6429947 40.012 96 1 SEC. 28, T9S, R23E S.L.B.&M At proposed prod. zone 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office* 54.8 MILES SOUTH OF VERNAL, UTAH UINTAH UT 15. Distance from proposed* 16. No. of acres in lease 17 Spacing Unit dedicated to this well location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1440 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth 20. BLM/BIA Bond No. on file 1370 8840' NM 2308 Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 5135' GL 45 DAYS 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: 1. Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 2. A Drilling Plan, 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certification SUPO must be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the 25. Signatu Name (Printed Typed) Kaylene R. Gardner 05/04/2006 Regulatory Name (Printed Typed) 05-08 BRADLEY G. HILI ENVIRONMENTAL MANAGER Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached.

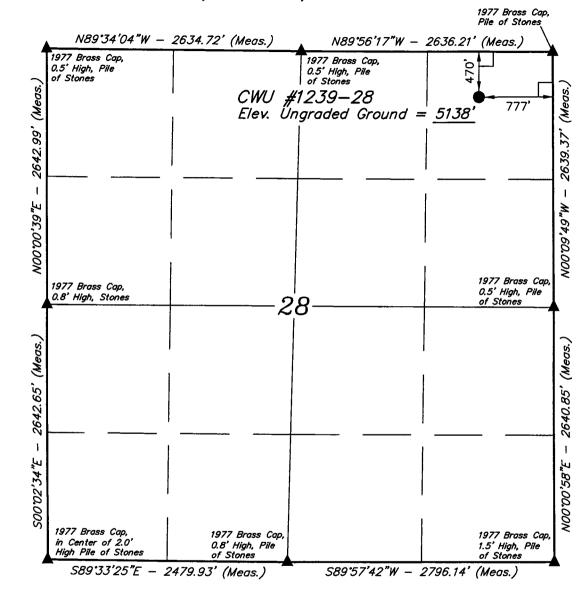
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

Federal Approval of this Action is Necessary

RECEIVED MAY 0.5 2006

T9S, R23E, S.L.B.&M.



LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 40°00'46.46" (40.012906) LONGITUDE = 109°19'30.96" (109.325267)

(NAD 27)

LATITUDE = 40°00'46.58" (40.012939)

LONGITUDE = 109"9"28.52" (109.324589)

EOG RESOURCES, INC.

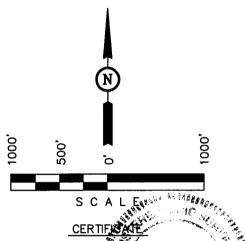
Well location, CWU #1239-28, located as shown in the NE 1/4 NE 1/4 of Section 28, T9S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE ADOLE PLATEWAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS HODE BY ME OR UNDER THE SUPERVISION AND THAT THE SATE ARE THE BEST OF MY KNOWLEDGE AND BOLDS.

REGISTERED RAND SURVEYOR REGISTRA HONNING THE STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-21-06	DATE DRAWN: 03-30-06
PARTY B.J. A.F. L.K.	REFERENCES G.L.O. PLA	AT
WEATHER	FILE	
COLD	EOG RESOU	RCES, INC.

CHAPITA WELLS UNIT 1239-28 NE/NE, SEC. 28, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	1,533'
Wasatch	4,437'
North Horn	6,306'
Island	6,454'
KMV Price River	6,657'
KMV Price River Middle	7,379'
KMV Price River Lower	8,179'
Sego	8,631'

Estimated TD: 8,840' or 200'± below Sego top

Anticipated BHP: 4,825 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

							<u>KA</u>	TING FACTOR	<u>K</u>
	HOLE SIZE	E INTERVAL	SIZE	WEIGHT	GRADE	THREAD	COLLAPSE	E /BURST/ TEN	ISILE
Conducto	r: 17 ½"	0' - 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI 322	2,000#
Surface	12-1/4"	45' - 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi 394	4,000#
Production	n· 7-7/8"	$2.300' \pm - TD$	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi 22	3,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

8 point plan-EOG 1 5/4/2006

CHAPITA WELLS UNIT 1239-28 NE/NE, SEC. 28, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

Float Equipment: (Cont'd)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' \pm - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

CHAPITA WELLS UNIT 1239-28 NE/NE, SEC. 28, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI₂, 3 lb/sx GR3 ½ #/sx

Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18

 $ft^3/sk.$, 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 125 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 840 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, $1.28 \text{ ft}^3/\text{sk.}$, 5.9 gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

CHAPITA WELLS UNIT 1239-28 NE/NE, SEC. 28, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

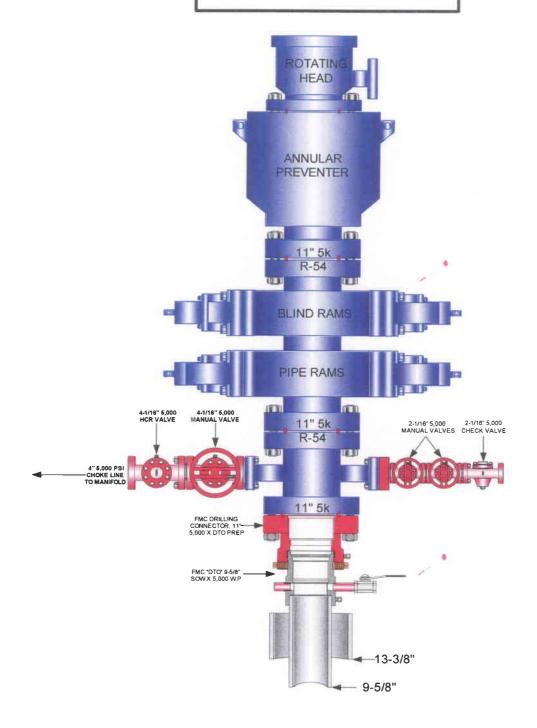
11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

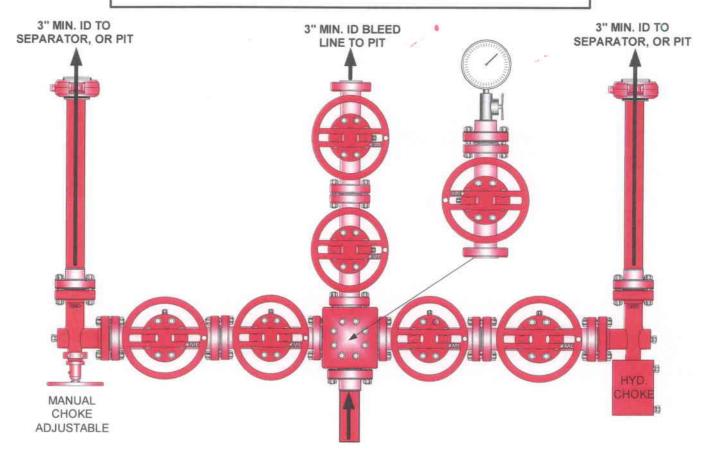
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



CHAPITA WELLS UNIT 1239-28 NE/NE, Section 28, T9S, R23E Uintah County, Utah

SURFACE USE PLAN

NOTIFICATION REQUIREMENTS

Location Construction:

Forty-eight (48) hours prior to construction of location and access

roads.

Location Completion:

Prior to moving on the drilling rig.

Spud Notice:

At least twenty-four (24) hours prior to spudding the well.

Casing String and

Cementing:

Twenty-four (24) hours prior to running casing and cementing

all casing strings.

BOP and related

Equipment Tests:

Twenty-four (24) hours prior to running casing and tests.

First Production Notice: Within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90)

days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 1320 feet long with a 30-foot right-of-way, disturbing approximately 0.91 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.75 acres. The pipeline is approximately 1658 feet long within Federal Lease U-0336-A disturbing approximately 1.14 acres.

1. EXISTING ROADS:

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 54.8 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 1320' in length. See attached Topo Map "B".
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined – flagged at time of location staking.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 30 foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

- A. Abandoned Wells -1*
- B. Producing Wells 3*
- C. Shut-in Wells 0*

(See attached TOPO map "C" for the location of wells within a one-mile radius.)

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. The length of the new proposed pipeline is 1658' x 40'. The proposed pipeline leaves the western edge of the well pad (U-0336-A) turning and proceeding easterly then southerly for an approximate distance of 1658'. The pipe will tie into the existing pipeline located in the SWNW of Section 27, T9S, R23E (U 344-A).
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface
- 4. Protective measures and devices for livestock and wildlife will be taken and /or installed where required.

A silt catchment basin will be constructed 75 yards north of corner #1.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a

minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All existing facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9S, R22E Uintah County, Utah (State Water Right # 49-1501. Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 millimeter plastic liner.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil west of corner #5. The stockpiled location topsoil will be stored between corners #8 and #2. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the east.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. Plans for Reclamation of the Surface:

A. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Crested Wheatgrass	9.0
Kochia Prostrata	3.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Wyoming Big Sage	3.0
Shad Scale	2.0
Hi-Crest Crested Wheat Grass	4.0
Needle and Thread Grass	2.0
Winter Fat/Globe Mallow	1.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or

archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places:
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources and paleontology survey will be conducted and submitted by Montgomery Archaeological Consultants.

ADDITIONAL STIPULATIONS

No construction or drilling activities will occur April 1st through July 15th due to Prairie Falcon stipulations.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, Ut 84078 (435) 781-9111

DRILLING OPERATIONS

Donald Presenkowski EOG Resources, Inc. P.O. Box 250 Big Piney, WY 83113 307-276-4865

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1239-28 Well, located in the NE/NE, of Section 28, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

May 4, 2006

Date

layene R. Gardner Regulatory Assistant

EOG RESOURCES, INC. CWU #1239-28 LOCATED IN UINTAH COUNTY, UTAH

SECTION 28, T9S, R23E, S.L.B.&M.

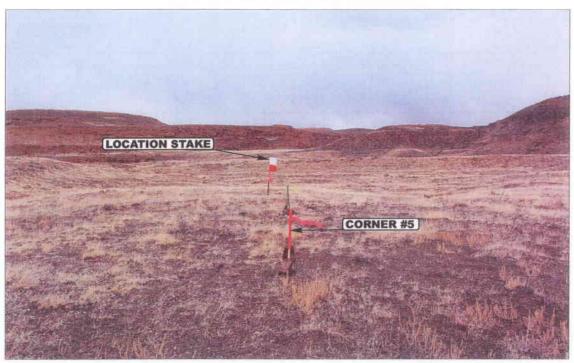


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

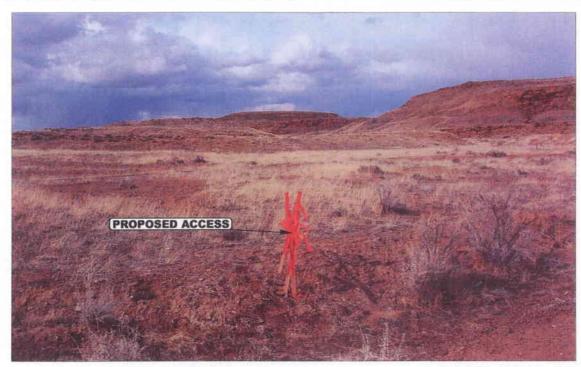
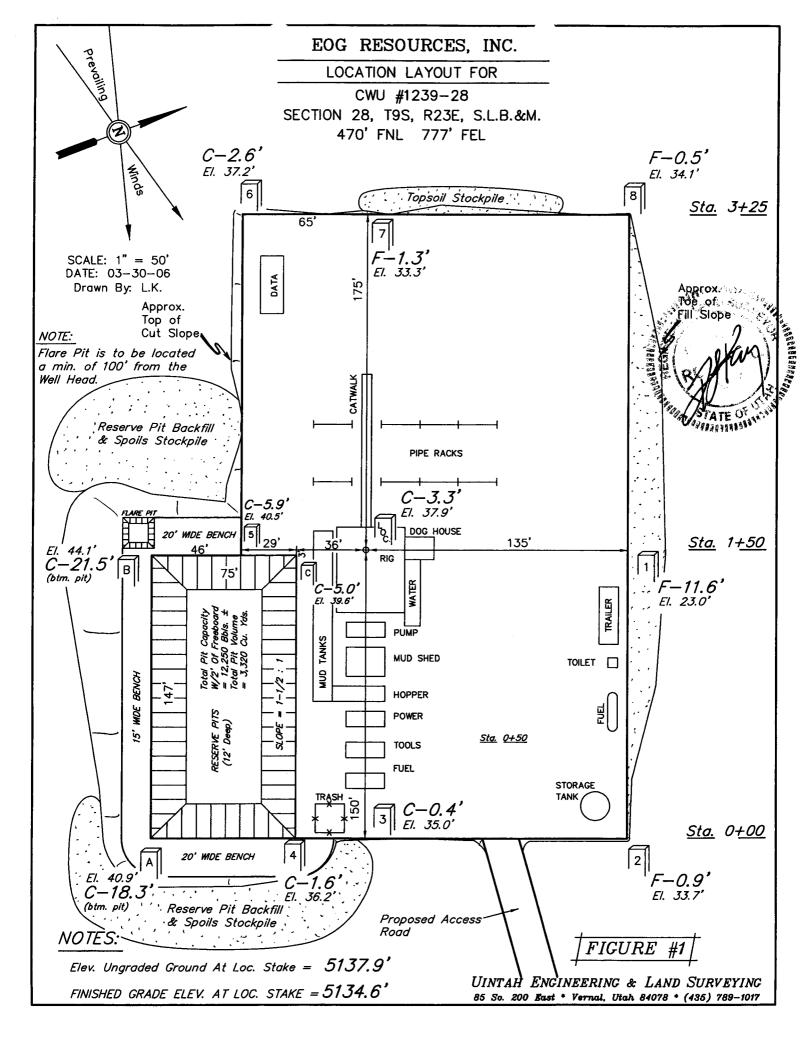


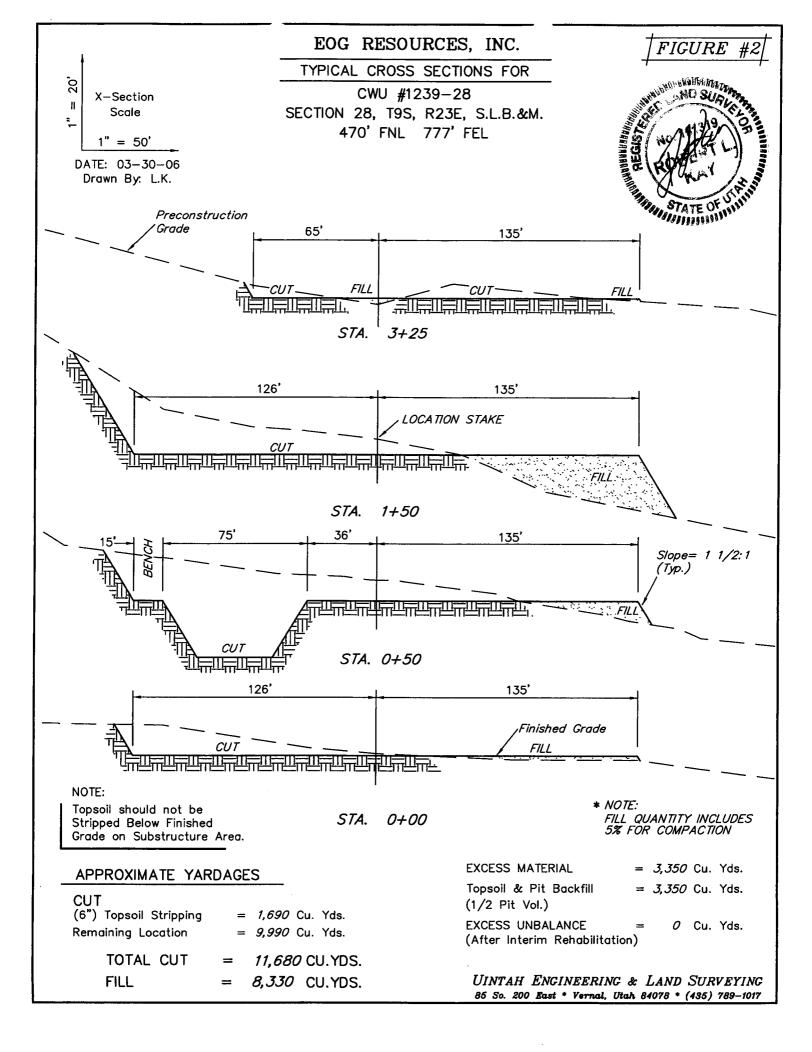
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

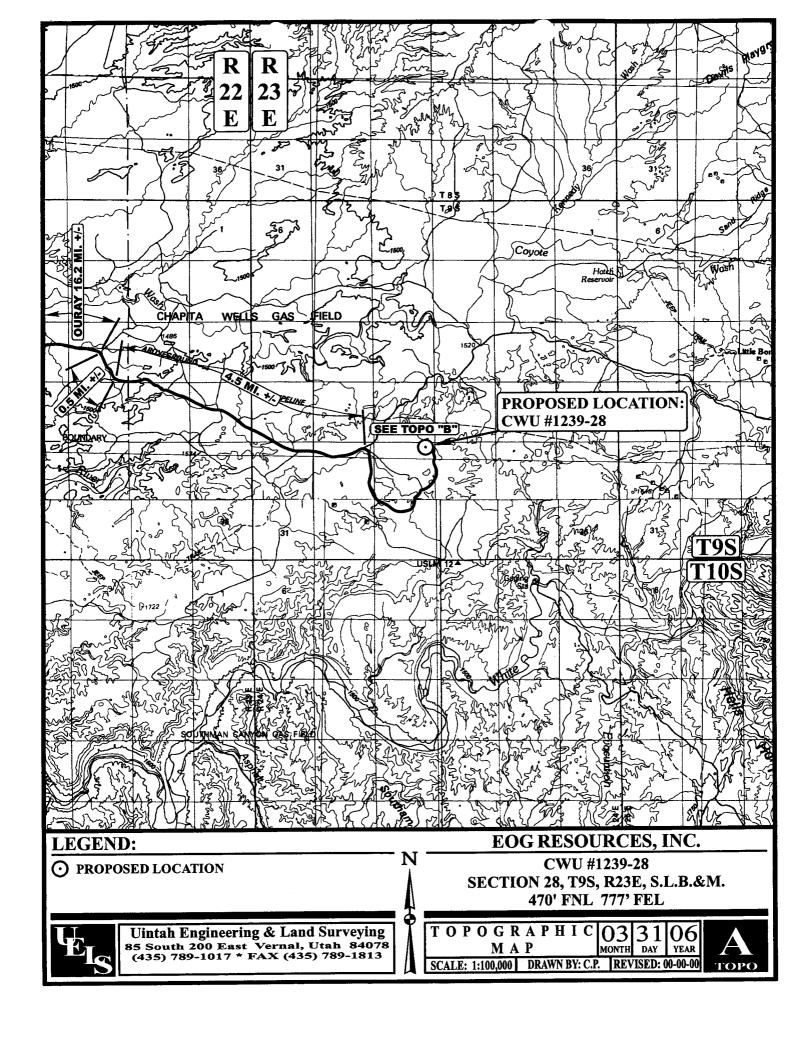
CAMERA ANGLE: NORTHERLY

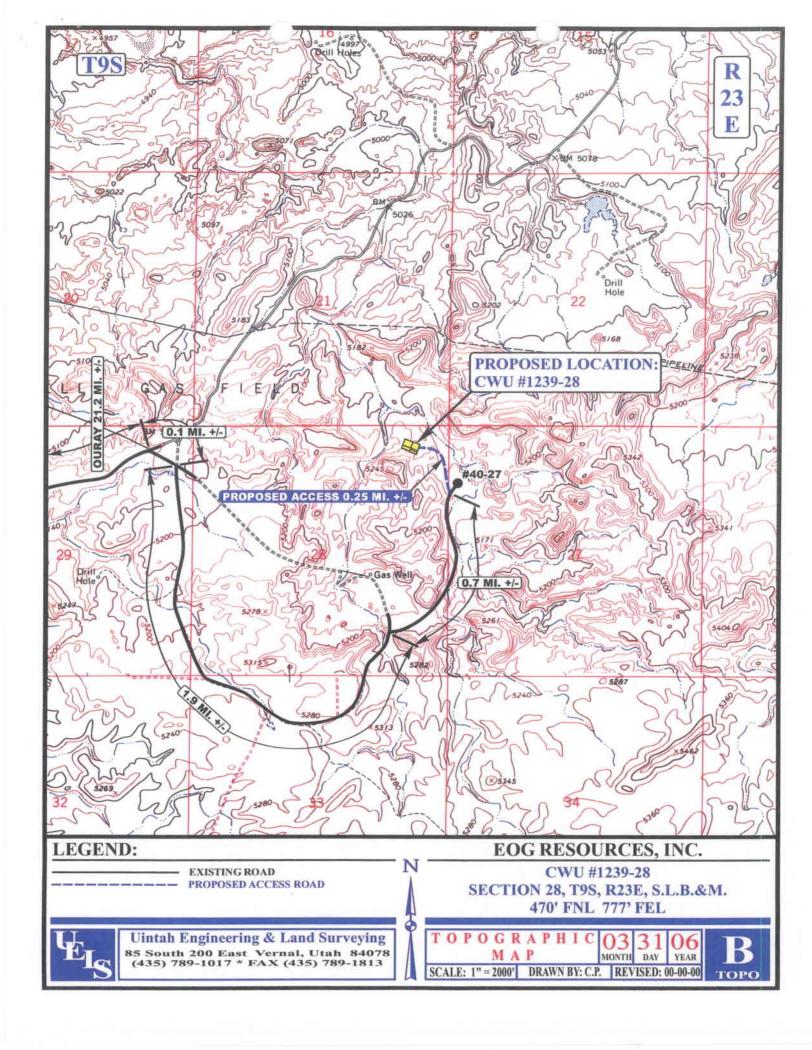


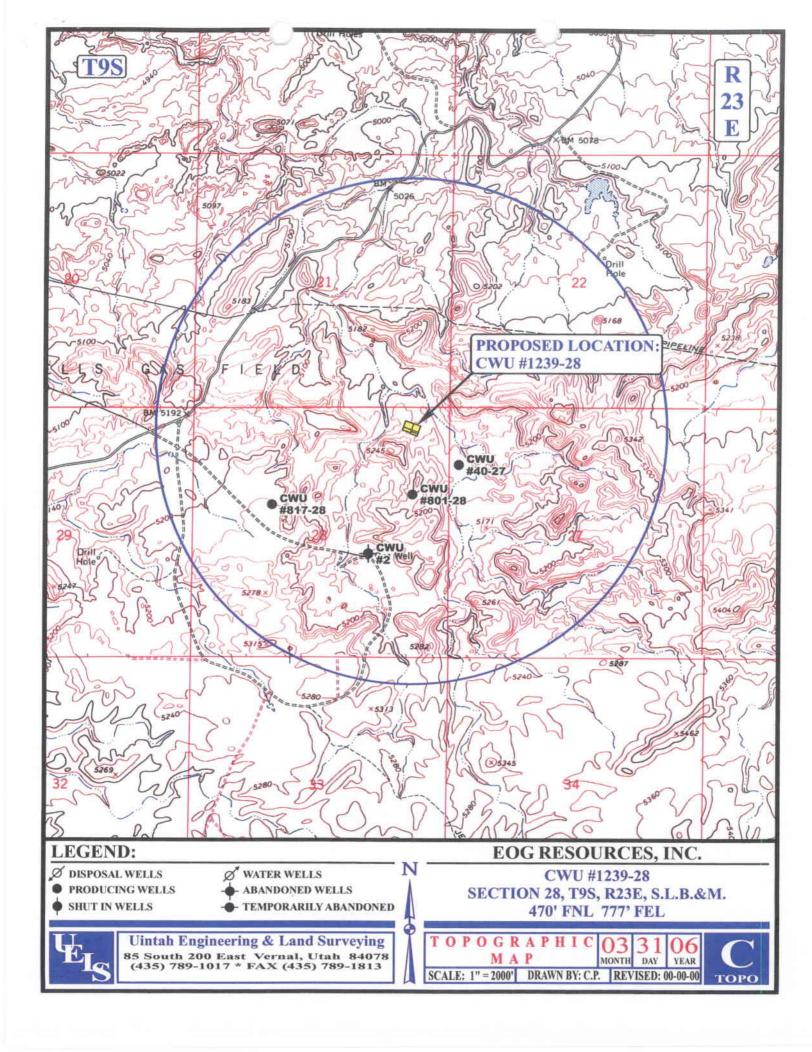
LOCATION		03 MONTH	31 DAY	06 YEAR	рното
TAKEN BY: B.J.	DRAWN BY: C	.P. REV	ISED: (00-00-00	

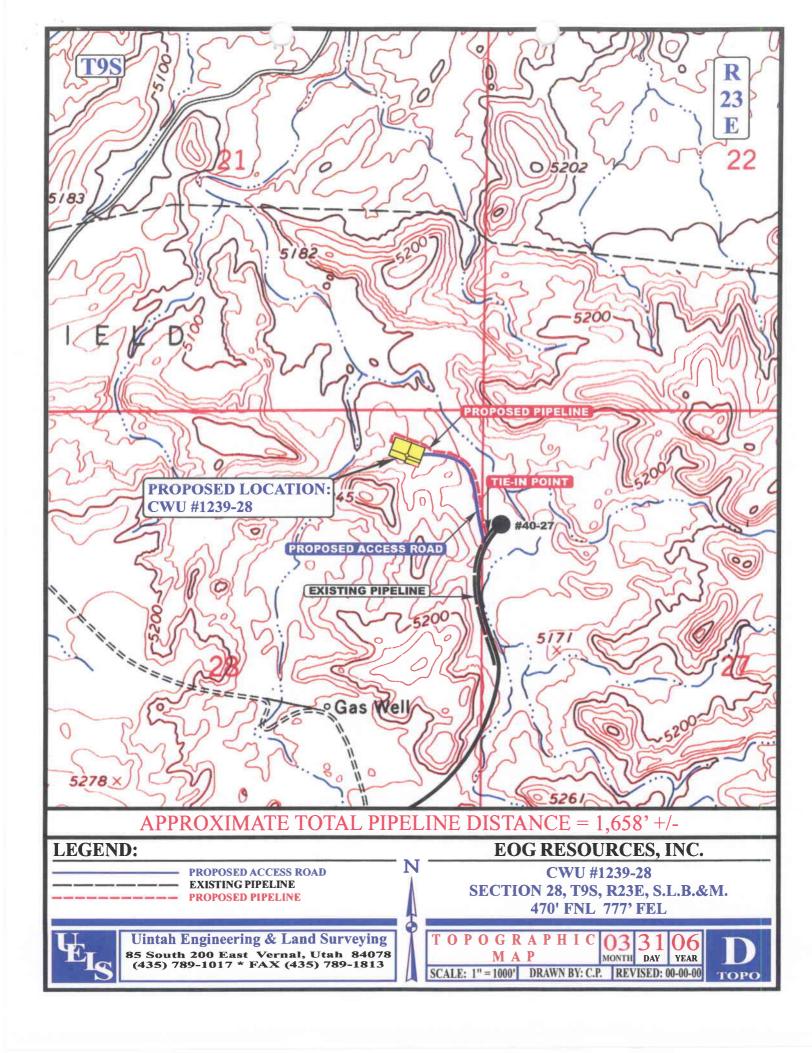






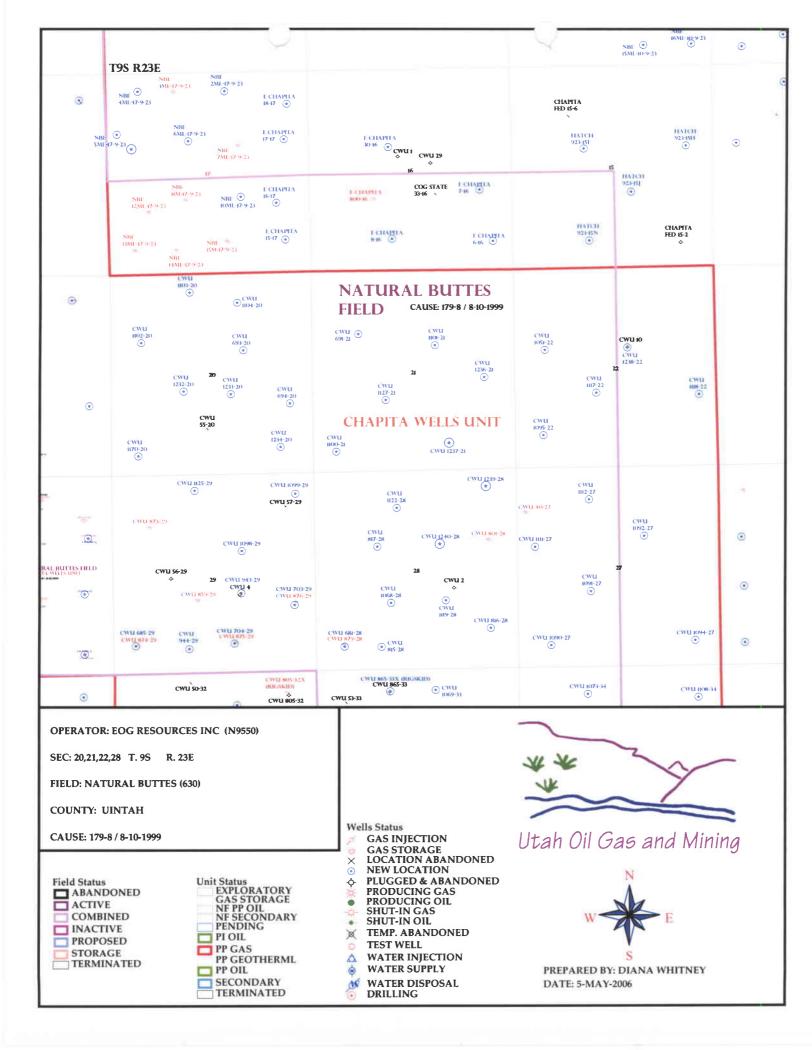






WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/05/2006	API NO. ASSIGNED: 43-047-38076
WELL NAME: CWU 1239-28 OPERATOR: EOG RESOURCES INC (N9550) CONTACT: KAYLENE GARDNER	PHONE NUMBER: 435-781-9111
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NENE 28 090S 230E	Tech Review Initials Date
SURFACE: 0470 FNL 0777 FEL BOTTOM: 0470 FNL 0777 FEL	Engineering
COUNTY: UINTAH	Geology
LATITUDE: 40.01297 LONGITUDE: -109.3246	Surface
UTM SURF EASTINGS: 642994 NORTHINGS: 443033 FIELD NAME: NATURAL BUTTES (630)	1
LEASE TYPE: 1 - Federal LEASE NUMBER: U-0336-A SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: PRRV COALBED METHANE WELL? NO
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:
✓ Plat ✓ Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM 2308) ✓ Potash (Y/N) ✓ Oil Shale 190-5 (B) or 190-3 or 190-13 ✓ Water Permit (No. 49-1501) M RDCC Review (Y/N) (Date:) MM Fee Surf Agreement (Y/N) NM Intent to Commingle (Y/N)	
STIPULATIONS: Laure Opprove	1



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

May 8, 2006

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Price River)

43-047-38080 CWU 713-07 Sec 07 T09S R23E 2101 FSL 0635 FWL 43-047-38062 CWU 712-07 Sec 07 T09S R23E 1826 FNL 0600 FWL 43-047-38063 CWU 1234-20 Sec 20 T09S R23E 0643 FSL 0844 FEL 43-047-38064 CWU 1233-20 Sec 20 T09S R23E 2071 FSL 2127 FEL 43-047-38065 CWU 1232-20 Sec 20 T09S R23E 2151 FSL 1933 FWL 43-047-38078 CWU 1237-21 Sec 21 T09S R23E 0689 FSL 1724 FEL 43-047-38066 CWU 1236-21 Sec 21 T09S R23E 2423 FSL 0778 FEL 43-047-38067 CWU 1238-22 Sec 22 T09S R23E 2150 FNL 2310 FEL 43-047-38085 CWU 1041-22 Sec 22 T09S R22E 1585 FNL 0240 FWL 43-047-38076 CWU 1239-28 Sec 28 T09S R23E 0470 FNL 0777 FEL 43-047-38077 CWU 1240-28 Sec 28 T09S R23E 1964 FNL 1999 FEL 43-047-38079 CWU 1083-30 Sec 30 T09S R23E 0579 FNL 2349 FWL 43-047-38084 CWU 447-10 Sec 10 T09S R22E 2047 FNL 1911 FWL 43-047-38083 CWU 975-12 Sec 12 T09S R22E 1635 FSL 0363 FWL 43-047-38081 CWU 1074-25 Sec 25 T09S R22E 1792 FSL 0974 FEL 43-047-38082 CWU 1077-25 Sec 25 T09S R22E 0460 FSL 1970 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

May 8, 2006

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re: Chapita Wells Unit 1239-28 Well, 470' FNL, 777' FEL, NE NE, Sec. 28, T. 9 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38076.

Sincerely,

Gil Hunt Associate Director

MIGHT

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources	s, Inc.	
Well Name & Number	Chapita Wells	Jnit 1239-28	
API Number:	43-047-38076		
Lease:	U-0336-A		
Location: <u>NE NE</u>	Sec. 28	T. 9 South	R. <u>23 East</u>

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 1c. CHAPITA WELLS UNIT 1c. CHAPITA WELLS UNIT 1239-28 2 Name of Operator EOG RESOURCES, INC. 3a. Address P.O. Box 1815 Vernal, UT 84078 4. Location of Well (Report Incoiner Celerity and in accordance with any State requirements.*) At surface 470 FNL 777 FEL (NE/NE) 40.012906 LAT 109.325267 LON At proposed prod. zone SAME 14. Distance from proposed SAME 15. Distance from proposed location* 16. No. of acres in lease property or lease line. 0. (Also to nearest drig. until line, if any) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. on file No. of acres in lease property or lease line. 0. (Also to nearest drig. until line, if any) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. on file No. of acres in lease property or lease line. 0. (Also to nearest drig. until line, if any) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. on file No. of acres in lease property or lease line. 0. (Also to nearest drig. until line, if any) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. on file No. 208 19. Proposed Depth 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 45 DAYS 24. Attachments 15. Bond to cover the operations unless covered by an existing bond on file (see line 20 above). 25. Operator certification 26. Such other site specific information and/or plans as may be required by the
1a. Type of work:
Type of Work: JOKILL JREENTER CHAPITA WELLS UNIT
10. Type of Well: Oil Well
2. Name of Operator EOG RESOURCES, INC. 3b. Phone No. (include area code) 435-781-9111 4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface 470 FNL 777 FEL (NE/NE) 40.012906 LAT 109.325267 LON At proposed prod. zone At proposed prod. zone At proposed prod. zone SAME 1c. County or Parish UINTAH UT 1s. Distance from proposed* 1coation to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) 1s. Distance from proposed location* 1o nearest well, drilling, completed, applied for, on this lease, ft. 1s. Distance from proposed location* 1so nearest well, drilling, completed, applied for, on this lease, ft. 1s. Sec. 28, T9S, R23E S.L.B.&M 1stance from proposed location* 1so nearest well, drilling, completed, applied for, on this lease, ft. 2s. Elevations (Show whether DF, KDB, RT, GL, etc.) 2s. Approximate date work will start* 2s. Estimated duration 4s DAYS 2s. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: 4. Bond to cover the operations unless covered by an existing bond on file (see liter. 20 above). 3s. A Surface Use Plan (if the location is on National Forest System Lands, the 5s. Operator certification
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BLM.
25. Signature Name (Printed Typed) Date
Title Regulatory Assistant
Approved by (Signature) Name (Printed Typed) Date
1 K Teces Kousela 9.6-2xx6
Title Assistant leid Manager Office
Lands & Mineral Resources
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED

MAY - 5 2006

ELM VERNAL, UTAH

Utah Division of Oil, Gas and Mining FOR RECORD ONLY

RECEIVED SEP 2 5 2006

DIV. OF OIL, GAS & MINING





UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG RESOURCES, INC. Location: NENE, Sec 28, T9S, R23E

Well No: Chapita Wells Unit 1239-28 Lease No: U-0336-A

170 South 500 East

API No: 43-047-38076 Unit: CHAPITA WELLS UNIT

Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Petroleum Engineer: Michael Lee Office: 435-781-4432 Cell: 435-828-7875 Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 **Environmental Scientist:** Paul Buhler Office: 435-781-4475 Cell: 435-828-4029 **Environmental Scientist:** Karl Wright Office: 435-781-4484 Natural Resource Specialist: Holly Villa Office: 435-781-4404 Melissa Hawk Natural Resource Specialist: Office: 435-781-4476 Natural Resource Specialist: Chris Carusona Office: 435-781-4441 Natural Resource Specialist: Scott Ackerman Office: 435-781-4437 After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Paul Buhler)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Paul Buhler)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Michael Lee)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify Michael Lee)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90)

days.

COAs: Page 2 of 6 Well: CWU 1239-28

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- 1. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:
 - 9 lbs of Hycrest Crested Wheatgrass and 3 lbs of Kochia Prostrata.
- 2. If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.

COAs: Page 3 of 6 Well: CWU 1239-28

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. Production casing cement shall be brought up and into the surface casing.
- 2. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

COAs: Page 4 of 6 Well: CWU 1239-28

6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- 7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- 8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

COAs: Page 5 of 6 Well: CWU 1239-28

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

- 11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
 - All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- 12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

COAs: Page 6 of 6 Well: CWU 1239-28

f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
- h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH

		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0336-A		
SUNDRY	NOTICES AND REPORTS	ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill r	new wells, significantly deepen existing wells below curr aterals. Use APPLICATION FOR PERMIT TO DRILL fo	rent bottom-hole dept	h, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: Chapita Wells Unit
1. TYPE OF WELL OIL WELL				8. WELL NAME and NUMBER: Chapita Wells Unit 1239-28
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43-047-38076
3. ADDRESS OF OPERATOR:			PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
600 17th Street, Suite 1000N CIT	y Denver STATE CO ZIP	80202	(303) 262-2812	Natural Buttes
	NL & 777' FEL 40.012906 LAT 10	09.325267 L0	NC	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: NENE 28 9S 2	3E S.L.B.	& M	STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICAT			RT, OR OTHER DATA
TYPE OF SUBMISSION			YPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE		SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONS		TEMPORARILY ABANDON
· · · · · · · · · · · · · · · · · · ·	CHANGE TO PREVIOUS PLANS	OPERATOR		TUBING REPAIR
	CHANGE TUBING	PLUG AND		VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTIO	ON (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS		ION OF WELL SITE	OTHER: APD EXTENSION REQUEST
	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	- TEQUEUT
	ompleted operations. Clearly show all propertions are specifically requests the APD for the Appr Utah Oil, Ga		well be extended for ne	
NAME (PLEASE PRINT) Carrie Ma	acDonald	TITL	E Operations Clerk	
SIGNATURE (A = = 4	1/ml X	DAT	_F 4/18/2007	

(This space for State use only)

RECEIVED APR 2 U 2007

京都 日本 ところ

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-38076 Well Name: CHAPITA WELLS UNIT 1239-28 Location: 470 FNL 777 FEL (NENE), SECTION 28, T9S, R23E S.L.B.&M Company Permit Issued to: EOG RESOURCES, INC. Date Original Permit Issued: 5/8/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes $\square \text{No}\square$
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes □ No ☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No □
Carri Mille 4/18/2007
Signature
Title: Operations Clerk
Representing: EOG Resources, Inc.

RECEIVED
APR 2 U 2007

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	npany:		EOG R	ESOUR	RCES IN	NC		
Well Name:			CWU 1	239-28				
Api No:	43-04	<u>7-38076</u>		Lea	se Type:	<u>FED</u>	DERAL	
Section 28	Town	ship <u>09S</u>	Range_	23E	County_	UIN	ГАН	<u> </u>
Drilling Con	tractor _	ROCK	Y MOUNT	'AIN DI	<u>RLG</u>	RIG #_	RATHOLI	C
SPUDDE	D:							
	Date	0	8/03/07					
	Time _	4	:30 PM					
	How	D	RY					
Drilling wi	II Com	mence:		······		<u></u>		
Reported by			JERRY B	ARNES	5		- 11-11	
Telephone#			(435) 828-	1720				
Date	08/06/0	7		_Signed _.	C	HD		

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING**

ENTITY ACTION FORM

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

600 17th Street

city Denver

state CO

zip 80202

Phone Number: (303) 262-2812

Well 1

API Number	Well	QQ	Sec	Twp	Rng	County	
43-047-36926	CHAPITA WELLS U	SESE	28	98	23E	UINTAH	
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date	
Α	99999	16287	-	8/4/2007	7		8/9/01

Wall 2

	CHAPITA WELLS UI	NIT 1239-28	NENE	28	98	23E	LUNITALI
		CHAPITA WELLS UNIT 1239-28			93	235	UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Dat	ie		y Assignment fective Date
Α	99999	16288		8/3/2007	7	8	19/07

Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng	County
43-047-38888	HOSS 58-35		SENW	35	88	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Α	99999	16289		8/3/2007	7	8	19/07

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Carrie MacDonald

Name (Please Print)

Signature

Operations Clerk

Title

AUG 0 8 2007

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					U-0336-A If Indian, Allottee or Tribe Name			
1. Type of Well	IPLICATE- Other inst	ructions on rever	se side.	1	r CA/Agreement, Name and/or No. a Wells Unit			
2. Name of Operator EOG Resor	8. Well Name and No. Chapita Wells Unit 1239-28 9. API Well No. 43-047-38076 10. Field and Pool, or Exploratory Area							
3a Address 3b. Phone No. (include area code) 600 17th Street, Suite 1000N, Denver, CO 80202 303-262-2812								
4. Location of Well (Footage, Sec., 470' FNL & 777' FEL (NENE Sec. 28-T9S-R23E 40.012906 l)	DINDICATE NATUR	E OF NOTICE, R	11. County Uintah	I Buttes/Mesaverde or Parish, State County, Utah R OTHER DATA			
TYPE OF SUBMISSION		TYF	PE OF ACTION					
Notice of Intent ✓ Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (State Reclamation Recomplete Temporarily At Water Disposal	ŕ	Water Shut-Off Well Integrity ✓ Other Well spud			
If the proposal is to deepen dire Attach the Bond under which t following completion of the in	ectionally or recomplete horizontal he work will be performed or prov	lly, give subsurface location vide the Bond No. on file was n results in a multiple comp	ns and measured and truith BLM/BIA. Requin letion or recompletion in	ne vertical depti ed subsequent i n a new interva	ork and approximate duration thereof. his of all pertinent markers and zones. reports must be filed within 30 days al, a Form 3160-4 must be filed once are completed, and the operator has			

determined that the site is ready for final inspection.)

The referenced well spud on 8/3/2007.

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed) Carrie MacDonald Title	Operations Clerk				
Signature Dal	e 08/0	6/2007			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

5. Lease Serial No.

U-0336-A

SUNDRY NOTICES AND REPORTS ON WELLS

ז חעווט כ	MOLICES AND RE	TONIS ON WE	LLO					
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					Allottee or Tribe Name			
	IPLICATE- Other ins	tructions on rever	se side.	ł	CA/Agreement, Name and/or No.			
1. Type of Well Gas Well Other					8. Well Name and No.			
2. Name of Operator EOG Resources, Inc.					Chapita Wells Unit 1239-28 9. API Well No.			
3a Address 3b. Phone No. (include area code) 600 17th Street, Suite 1000N, Denver, CO 80202 303-262-2812			43-047-38076 10. Field and Pool, or Exploratory Area					
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 470' FNL & 777' FEL (NENE) Sec. 28-T9S-R23E 40.012906 LAT 109.325267 LON					Buttes/Mesaverde or Parish, State County, Utah			
12. CHECK A	PPROPRIATE BOX(ES) T	O INDICATE NATUR	RE OF NOTICE, R	EPORT, OR	OTHER DATA			
TYPE OF SUBMISSION		TY	PE OF ACTION					
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Standard Reclamation Recomplete Temporarily Al ✓ Water Disposal	oandon	Water Shut-Off Well Integrity Other			
13. Describe Proposed or Complete	ted Operation (clearly state all pe	rtinent details, including est	imated starting date of a	ny proposed wo	ork and approximate duration thereof.			

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

- 1. Natural Buttes Unit 21-20B SWD
- 2. Chapita Wells Unit 550-30N SWD
- 3. Ace Disposal
- 4. RN Industries

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Carrie MacDonald	Title Operations C	lerk			
Signature Comi	Date	08/06/2007			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.					

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010 5. Lease Serial No.

UT	U0336A	

Do not use th		U100336A				
abandoned we	II. Use form 3160-3 (AP	D) for such proposals.		6. If Indian, Allottee	or Tribe Name	
	IPLICATE - Other instruc	ctions on reverse side.	-	7. If Unit or CA/Agre CHAPITA WEL	ement, Name and/or No. LS UNI	
1. Type of Well				8. Well Name and No.		
Oil Well Gas Well Ot		MARY A MAESTAS		CHAPITA WELLS	5 UNIT 1239-28	
2. Name of Operator EOG RESOURCES INC		9. API Well No. 43-047-38076				
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202		3b. Phone No. (include area code Ph: 303-824-5526)	10. Field and Pool, or NATURAL BUT	Exploratory TES/MESAVERDE	
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County or Parish, and State		
Sec 28 T9S R23E NENE 470 40.01291 N Lat, 109.32527 W				UINTAH COUNTY, UT		
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE NATURE OF 1	NOTICE, RI	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION		TYPE O	F ACTION			
☐ Notice of Intent	☐ Acidize	Deepen	☐ Product	ion (Start/Resume)	■ Water Shut-Off	
_	Alter Casing	☐ Fracture Treat	☐ Reclama	ation	■ Well Integrity	
Subsequent Report	□ Casing Repair	■ New Construction	□ Recomp	lete	Other	
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon Production Start			
		☐ Water Disposal				

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was turned to sales on 12/20/2007. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

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DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #57749 verified For EOG RESOURCES	l by the	BLM Well Information System	
Name(Printed/Typed) MARY A MAESTAS	Title	REGULATORY ASSISTANT	
Signature (Milliocyonic Submission) Cur Ca	Date	12/26/2007	
THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE	
Approved By	Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	;	
Tri 10 V C C C (1001 177) 10 V C C C (1001 177)			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL CHRONOLOGY REPORT

Report Generated On: 12-26-2007

Well Name	CWU 1239-28	Well Type	DEVG	Division	DENVER	
Field	CHAPITA DEEP	API#	43-047-38076	Well Class	1SA	
County, State	UINTAH, UT	Spud Date	08-17-2007	Class Date	12-20-2007	
Tax Credit	N	TVD/MD	8,840/ 8,840	Property #	059172	
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0	
KB / GL Elev	5,148/5,135					
Location	Section 28, T9S, R23E,	NENE, 470 FNL & 777 I	FEL			
Event No	1.0	Description	DRILL & COMPLETE			

		a n=aavm a	n.				_				
Operator	EO	G RESOURC	ES, INC	WI %	. 50	0.0		NRI %		43.5	
AFE No				AFE Total		1,759,400	DHC / CWC		CWC	838,700/ 920,700	
Rig Contr	TRU	Έ	Rig Nam	ie TRUE	#26	Start Date	05-	-05-2006	Release	Date	08-24-2007
05-05-2006	Re	eported By	S	HARON WHIT	LOCK						
DailyCosts: Da	rilling	\$0		Cor	mpletion	\$0		Dail	ly Total	\$0	
Cum Costs: D	rilling	\$0		Cor	mpletion	\$0		Wel	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	on: PBTD: 0.0		0.0		Perf:			PKR D	epth : 0.	0	

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION DATA

470' FNL & 777' FEL (NE/NE) SECTION 28, T9S, R23E UINTAH COUNTY, UTAH

LAT 40.012906, LONG 109.325267 (NAD 83) LAT 40.012939, LONG 109.324589 (NAD 27)

RIG: TRUE 26

OBJECTIVE: 8840' TD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: U-0336-A

ELEVATION: 5137.9' NAT GL, 5134.6' PREP GL, (DUE TO ROUNDING THE PREP GL IS 5135), 5148' KB (13')

EOG WI 50%, NRI 43.50% includes EOG's 2.25% ORRI

07-27-2007

Reported By

TERY CSERE

DailyCosts: Drilling	\$38,000		Completion	\$0		-	y Total	\$38,000	
Cum Costs: Drilling	\$38,000		Completion	\$0		Well	Total	\$38,000	
MD 0	TVD	0 Progre	ess 0	Days	0	MW	0.0	Visc	0.0
Formation :		BTD : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOC	CATION							
Start End		ity Description							
06:00 06:00	24.0 LOCA	TION STARTED.							
07-30-2007 Re	eported By	TERY CSE	RE						
DailyCosts: Drilling	\$38,000		Completion	\$0		Daily	y Total	\$38,000	
Cum Costs: Drilling	\$38,000		Completion	\$0		Well	Total	\$38,000	
MD 0	TVD	0 Progre	ess 0	Days	0	MW	0.0	Visc	0.0
Formation :	P	BTD: 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOC	CATION							
Start End	Hrs Activi	ity Description							
06:00 06:00	24.0 LOCA	TION 40% COMPI	LETE.						
)7-31-2007 Re	eported By	TERY CSEF	RE						
DailyCosts: Drilling	\$0		Completion	\$0	-	Daily	y Total	\$0	
Cum Costs: Drilling	\$38,000		Completion	\$0		Well	Total	\$38,000	
MD 0	TVD	0 Progre	ss 0	Days	0	MW	0.0	Visc	0.0
Formation :	Di	J		•				.•	
· vi mauvii .	11	BTD: 0.0		Perf :			PKR Der	pth: 0.0	
				Perf :			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOC	CATION		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOC		LETE.	Perf:			PKR Dej	pth: 0.0	
Activity at Report Til Start End 06:00 06:00	me: BUILD LOC	CATION ity Description		Perf:			PKR De	pth : 0.0	
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re	me: BUILD LOC Hrs Activi 24.0 LOCA	CATION ity Description TION 50% COMPI		Perf : \$0		Daily	PKR De	pth : 0.0	
Activity at Report Til Start End 06:00 06:00 08-01-2007 Re Daily Costs: Drilling	me: BUILD LOC Hrs Activi 24.0 LOCA eported By	CATION ity Description TION 50% COMPI	Œ			•			
Activity at Report Tile Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activi 24.0 LOCA eported By \$0	CATION ity Description TION 50% COMPI	Completion Completion	\$0	0	•	y Total	\$0	0.0
Activity at Report Til Start End 06:00 06:00 08-01-2007 Re Daily Costs: Drilling Cum Costs: Drilling	Hrs Activi 24.0 LOCA eported By \$0 \$38,000	CATION ity Description ITON 50% COMPI TERY CSEF	Completion Completion	\$0 \$0	0	Well	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	Hrs Activi 24.0 LOCA eported By \$0 \$38,000 TVD	EATION ity Description TION 50% COMPI TERY CSER 0 Progre BTD: 0.0	Completion Completion	\$0 \$0 Days	0	Well	y Total Total	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin	Hrs Activi 24.0 LOCA eported By \$0 \$38,000 TVD PI me: BUILD LOC	CATION ity Description TION 50% COMPI TERY CSEF 0 Progre BTD: 0.0 CATION	Completion Completion	\$0 \$0 Days	0	Well	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin	Hrs Activi 24.0 LOCA eported By \$0 \$38,000 TVD PI me: BUILD LOC Hrs Activi	EATION ity Description TION 50% COMPI TERY CSER 0 Progre BTD: 0.0	Completion Completion ss 0	\$0 \$0 Days	0	Well	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tir Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00	Hrs Activi 24.0 LOCA eported By \$0 \$38,000 TVD PI me: BUILD LOC Hrs Activi	TERY CSER O Progre BTD: 0.0 CATION 'ty Description	Completion Completion ss 0	\$0 \$0 Days	0	Well	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-02-2007 Re	Hrs Activi 24.0 LOCA eported By \$0 \$38,000 TVD PI me: BUILD LOC Hrs Activi 24.0 LOCA	CATION ity Description TION 50% COMPI TERY CSEF 0 Progre BTD: 0.0 CATION ty Description TION 60% COMPI	Completion Completion ss 0	\$0 \$0 Days	0	Well MW	y Total Total 0.0 PKR Dej	\$0 \$38,000 Visc pth: 0.0	0.0
Activity at Report Tir Start End 06:00 06:00 08-01-2007 Revenue Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00 08-02-2007 Revenue Costs: Drilling Cum	Hrs Activi 24.0 LOCA ported By \$0 \$38,000 TVD PI me: BUILD LOC Hrs Activi 24.0 LOCA ported By \$0	CATION ity Description TION 50% COMPI TERY CSEF 0 Progre BTD: 0.0 CATION ty Description TION 60% COMPI	Completion Completion ss 0 LETE. RE Completion	\$0 \$0 Days Perf :	0	Well MW Daily	y Total Total 0.0 PKR De	\$0 \$38,000 Visc pth : 0.0	0.0
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-02-2007 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activi 24.0 LOCA eported By \$0 \$38,000 TVD PI me: BUILD LOCA tyported By \$0 LOCA eported By \$0 \$38,000	CATION ity Description TION 50% COMPI TERY CSER 0 Progre BTD: 0.0 CATION ity Description TION 60% COMPI TERY CSER	Completion Completion ss 0 LETE. RE Completion Completion	\$0 \$0 Days Perf :		Well MW Daily Well	y Total Total 0.0 PKR Dep	\$0 \$38,000 Visc pth : 0.0	
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-02-2007 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activi 24.0 LOCA ported By \$0 \$38,000 TVD PI me: BUILD LOCA ported By \$0 LOCA \$38,000 TVD Hrs Activi 24.0 LOCA ported By \$0 \$38,000 TVD	CATION ity Description TION 50% COMPI TERY CSER 0 Progre BTD: 0.0 CATION ity Description TION 60% COMPI TERY CSER 0 Progre	Completion Completion ss 0 LETE. RE Completion Completion	\$0 \$0 Days Perf: \$0 \$0 Days	0	Well MW Daily	y Total Total 0.0 PKR Dep	\$0 \$38,000 Visc oth : 0.0	
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-02-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	Hrs Activi 24.0 LOCA eported By \$0 \$38,000 TVD PI me: BUILD LOCA 24.0 LOCA eported By \$0 \$38,000 TVD PI TVD	ty Description TERY CSER Progre BTD: 0.0 CATION TON 60% COMPI TERY CSER Progre TERY CSER Progre TERY CSER	Completion Completion ss 0 LETE. RE Completion Completion	\$0 \$0 Days Perf :		Well MW Daily Well	y Total Total 0.0 PKR Dep	\$0 \$38,000 Visc oth : 0.0	0.0
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-02-2007 Re DailyCosts: Drilling Cum Costs: Drilling Cum Costs: Drilling Cum Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Activity at Report Tin	Hrs Activi 24.0 LOCA Prorted By \$0 \$38,000 TVD Profice BUILD LOCA Profice BUIL	CATION ity Description TION 50% COMPI TERY CSER 0 Progre BTD: 0.0 CATION ty Description TION 60% COMPI TERY CSER 0 Progre BTD: 0.0 CATION	Completion Completion ss 0 LETE. RE Completion Completion	\$0 \$0 Days Perf: \$0 \$0 Days		Well MW Daily Well	y Total Total 0.0 PKR Dep	\$0 \$38,000 Visc oth : 0.0	
Activity at Report Tin Start End 06:00 06:00 08-01-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-02-2007 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activi 24.0 LOCA Prorted By \$0 \$38,000 TVD Profice BUILD LOCA Profice BUIL	CATION ity Description TION 50% COMPI TERY CSER 0 Progre BTD: 0.0 CATION ty Description TERY CSER 0 Progre 3TD: 0.0 CATION ty Description ty Description ty Description	Completion Completion ss 0 LETE. RE Completion Completion	\$0 \$0 Days Perf: \$0 \$0 Days		Well MW Daily Well	y Total Total 0.0 PKR Dep	\$0 \$38,000 Visc oth : 0.0	

DailyCost	ts: Drilling	\$0		Co	mpletion	\$0		Dail	y Total	\$0	
Cum Cos	ts: Drilling	\$38,0	00	Co	mpletion	\$0		Well	Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	ıt Report Ti	me: BUILD I	OCATION	Ī							
Start	End	Hrs Ac	tivity Des	cription							
06:00	06:00	24.0 DR	ILLING.								
08-06-20	007 Re	eported By	J	ERRY BARNES	5						
DailyCost	ts: Drilling	\$0		Co	mpletion	\$0		Dail	y Total	\$0	
Cum Cos	ts: Drilling	\$38,0	00	Co	mpletion	\$0		Well	Total	\$38,000	
MD	40	TVD	40	Progress	0	Days	0	\mathbf{MW}	0.0	Visc	0.0
Formatio	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: WO AIR	RIG								
Start	End	Hrs Act	tivity Des	cription							
06:00	06:00	CO	NDUCTOR	ROCKY MOU R. CEMENT TO ND JAIME SPA	SURFACE	WITH READ	Y MIX. JER	RY BARNE	S NOTIFIED		
08-07-20	007 Re	eported By	T	ERRY CSERE							
DailyCost	ts: Drilling	\$0		Co	mpletion	\$0		Dail	y Total	\$0	
Cum Cos	ts: Drilling	\$38,00	00	Cor	mpletion	\$0		Well	Total	\$38,000	
MD	40	TVD	40	Progress	0	Days	0	\mathbf{MW}	0.0	Visc	0.0
Formatio	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: BUILD L	OCATION	/WORT							
Start	End	Hrs Act	ivity Des	cription							
06:00	06:00	24.0 LO	CATION C	OMPLETE.							
08-16-20	007 Re	ported By	Ji	ERRY BARNES	3						
DailyCost	ts: Drilling	\$194,8	358	Cor	mpletion	\$0		Daily	y Total	\$194,858	
Cum Cost	ts: Drilling	\$232,8	358	Cor	mpletion	\$0		Well	Total	\$232,858	
MD	2,339	TVD	2,339	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: WORT									
Start	End	Hrs Act	ivity Des	cription							
06:00	06:00	144 ANI LAI MIR TO MIX	0' & 1740' D FLOAT (NDED @ 2 RU PRO PE 1000 PSIG KED & PUI	ETRO AIR RIG (RAN 55 JTS (2 COLLAR. 8 CE 339' KB. RAN (ETRO CEMENT DUMPED 170 MPED 220 SX (LT & ¼ #/SX FI	2326.20') O NTRALIZE 200' OF 1" TING. HELI BBLS FRE (150 BBLS)	F 9-5/8", 36.0 ERS SPACED DIPPE DOWN DO SAFETY MISSH WATER & OF PREMIU	#/FT, J-55, MIDDLE OF BACKSIDE. EETING. PR 2 20 BBLS OM LEAD CE	ST&C CASE SHOE JOIN RDMO AIR EESSURE TE SELLED WAS EMENT W/16	ING WITH TO NT AND EVE ARIG. ESTED LINEA TER FLUSH 6% GEL, 10#	OP-CO GUIDE BRY COLLAR T S AND CEMEN AHEAD OF CE /SX GILSONIT	SHOE TLL GONE T VALVE EMENT.
		CEN	MENT @ 1	/225 SX (47 BB 5.6 PPG W/YIE @ 3:49 AM, 8/	LD OF 1.13 14/2007. CI	8 CF/SX. DISI	PLACED CE	MENT W/1	76.4 BBLS FI	RESH WATER.	BUMPED

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT W/2% CACL2 & 1/4#/ SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. NO RETURNS. WOC 3 HRS.

TOP JOB # 2: MIXED & PUMPED 50 SX (10 BBLS) OF PREMIUM CEMENT W/2% CACL2 & $\frac{1}{4}$ H/ SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. NO RETURNS. WOC 2 HRS 15 MINUTES.

TOP JOB # 3: ORDERED READY MIX CEMENT. HOLE TOOK 1.5 YARDS READY MIX (7.2 BBLS) TO FILL & STOOD FULL. RDMO PRO PETRO CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NO SURVEY AT THIS TIME.

DALL COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON $8/12/2007 @ 7:00 \,\mathrm{PM}.$

	007 Re	ported By	T	OM HARKINS	1						
DailyCos	sts: Drilling	\$28,09	94	Co	mpletion	\$0		Daily	Total	\$28,094	
Cum Cos	sts: Drilling	\$260,9	952	Co	mpletion	\$0		Well	Total	\$260,952	
MD	2,339	TVD	2,339	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:		PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity a	at Report Ti	me: PU BHA									
Start	End	Hrs Act	tivity Des	cription							
06:00	17:00			TION CWU 1239 ISE DERRICK				, HOLD SAI	TY MEETIN	IG R/D/M/O ,1	00%
17:00	00:00	7.0 R/ U	ROTARY	TOOLS. RIG (ON DAY RA	TE @ 00:00	HRS, 8/17/07	<i>'</i> .			
00:00	04:00	4.0 TES	ST PIPE RA	AMS ,BLIND R	AMS , KILI	LINE & VA	LVES ,				
		LO	W 5000 HI	& MANIFOLD GH FOR 10 MII TOR , PUMPED	N ,TEST AN	NULAR 250	LOW 2500	HIGH FOR 10	MIN. FUNC	CTION TEST	ГО 250
04:00	04:30	0.5 INS	TALL WE.	AR BUSHING							
04:30	05:00	0.5 CHI	ECK CROV	WN O MATIC (OK , INPEC	T RIG , LAY	OUT AND	STRAP BHA			
05:00											
05:00	06:00	1.0 R/U	P/U CREV	W HOLD SAFE	TY MEETII	NG					
06:00	06:00	1.0 R/U 18.0	P/U CREV	W HOLD SAFE	TY MEETII	NG					
06:00				W HOLD SAFE		NG					
06:00 08-18-2 0		18.0	Т	OM HARKINS		NG 		Daily	Total	\$29,860	
06:00 08-18-2 0 DailyCos i	007 Re	18.0 ported By	T 50	OM HARKINS Coi				Daily Well '		\$29,860 \$290,812	
06:00 08-18-20 DailyCost Cum Cos	007 Re	18.0 ported By \$29,86	T 50	OM HARKINS Coi	mpletion	\$0	1	•			27.0
06:00 08-18-20 Daily Cost Cum Cost	007 Re ts: Drilling ts: Drilling 4,019	18.0 ported By \$29,86 \$290,8	T 50 312	OM HARKINS Con Con Progress	mpletion mpletion	\$0 \$0		Well '	Fotal	\$290,812 Visc	27.0
06:00 08-18-20 Daily Cost Cum Cost MD Formation	007 Re ts: Drilling ts: Drilling 4,019	18.0 ported By \$29,86 \$290,8 TVD	T 50 312 4,019 PBTD : (OM HARKINS Con Con Progress	mpletion mpletion	\$0 \$0 Days		Well '	Fotal 8.4	\$290,812 Visc	27.0
06:00 08-18-20 Daily Cost Cum Cost MD Formation Activity a	007 Re ts: Drilling ts: Drilling 4,019	18.0 ported By \$29,86 \$290,8 TVD ne: DRILLIN	T 50 312 4,019 PBTD : (OM HARKINS Con Con Progress 0.0	mpletion mpletion	\$0 \$0 Days		Well '	Fotal 8.4	\$290,812 Visc	27.0
06:00 08-18-20 Daily Cost Cum Cost MD Formation Activity a	007 Re ts: Drilling ts: Drilling 4,019 on:	18.0 ported By \$29,86 \$290,8 TVD ne: DRILLIN Hrs Act	T 50 312 4,019 PBTD : (G ivity Desc	OM HARKINS Con Con Progress 0.0	mpletion mpletion 1,680	\$0 \$0 Days Perf:		Well '	Fotal 8.4	\$290,812 Visc	27.0
06:00 08-18-20 DailyCost Cum Cost MD Formation Activity a	007 Re ts: Drilling ts: Drilling 4,019 on: t Report Tir	18.0 ported By \$29,86 \$290,8 TVD ne: DRILLIN Hrs Act 3.0 PU/	T 50 312 4,019 PBTD : (G ivity Desc	OM HARKINS Con Progress 0.0 cription	mpletion mpletion 1,680	\$0 \$0 Days Perf:		Well '	Fotal 8.4	\$290,812 Visc	27.0

10	0:00	11:30	1.5 TIGHTEN 4" HAMMER UNION , CHECK 4" BONNET SEAL ON 4" VALVE
1	1:30	13:30	2.0 DRILL CEMENT AND FLOAT EQUIMENT FLOAT @ 2297 SHOE @ 2337
13	3:30	14:00	0.5 DRILL 2339 TO 2375 = 36 @ 72 FPH WTOB 5-10 RPM 40 GPM 411 MMRPM 65
14	1:00	14:30	0.5 SPOT VIS PILL, PREFORM FIT @ 465 PSI EMW 12.1
14	4:30	15:00	0.5 DRILL 2375 TO 2405 =30 @60 FPH WTOB 10-12 RPM 45 GPM 411 MMRPM 65
1:	5:00	15:30	0.5 WLS @ 2330 1.75deg
1	5:30	00:30	9.0 DRILL 2405 TO 3418 =1010 @ 112 FPH WTOB 16-18 RPM 55 GPM 411 MMRPM 65
00	0:30	01:00	0.5 WLS @ 3343 2.25deg
0	1:00	06:00	5.0 DRILL 3418 TO 4019 =601 @ 120.2 FPH WTOB 14–18 RPM 45–55 GPM 411 MMRPM 65 DIFF 220–375 MW 9.1 VIS 37

NO ACCIDENTS REPORTED . COM CHECKED X 3 ,

CREWS FULL , SAFTY MEETING SPINNING CHAIN, FUEL ON HAND 1945 USED 822

FORMATION GREENRIVER

LITHOLOGY N/A AT REPORT TIME

		M	IUD LOGGE	R TOM STAND	ER ON LO	CATION 040	0 8–17–2007	DAY 1			
06:00		18.0 S	PUD 7 7/8" H	OLE AT 13:30	HRS, 8/17/0	07.					
08-19-20	007 R	eported By	T	OM HARKINS							
DailyCos	sts: Drilling	\$49	,277	Cor	npletion	\$0		Daily	Total	\$49,277	
Cum Cos	sts: Drilling	\$34	0,089	Cor	npletion	\$0		Well	Total	\$340,089	
MD	5,980	TVD	5,980	Progress	1,961	Days	2	MW	9.0	Visc	35.0
Formatio	on:		PBTD : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report T	ime: DRILL	ING								
Start	End	Hrs A	ctivity Desc	cription							
06:00	11:30	5.5 D	RILL 4019 T	O 4684 = 665 @	120.9 FPH	I WTOB 14-1	8 RPM 55 C	PM 411 MM	RPM 65		
11:30	12:00	0.5 S	ERVICE RIG	СНЕСК СОМ							
12:00	06:00	18.0 D	RILL 4684 T	O 5980 = 1296	@ 72 FPH \	WTOB 14-19	RPM 40-55	GPM 380 M	MRPM 60 D	IFF 95-280	
		M	W 10.1 VIS 4	14 NO ACCIDE	ENTS REPO	ORTED, CRE	WS FULL ,	BOP DRILL	DAY 70 SEC	•	
		S	AFTY MEET	TING , WORKI	NG IN RID	EING BELT					
		C	ОМ СНЕСК	X 3, FUEL ON	HAND 29	17 USED 112	8				
		F	ORMATION	BUCK CAYON	, BG GAS	20–40u CON	NECTION C	GAS 20u HIG	H GAS 8129	u	
		L	THOLOGY	SAND 40% SH	ALE 10% C	COAL 5% 40%	6 LIMESTO	NE %5			
		M	IUD LOGGEI	R TOM STAND	ER ON LO	CATION 040	0 8-17-2007	DAY 2			
08-20-20	007 R	eported By	Т	OM HARKINS			-				
DailyCos	ts: Drilling	\$31.	.133	Cor	npletion	\$0		Daily	Total	\$31,133	
Cum Cos	sts: Drilling	\$37	1,223	Cor	npletion	\$0		Well	Total	\$371,223	
MD	6,709	TVD	6,709	Progress	729	Days	3	MW	9.9	Visc	42.0
Formatio	on:		PBTD : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	ime: DRILL	ING								
Start	End	Hrs A	ctivity Desc	cription					,		
06:00	07:00	1.0 D	RILL 5980 T	O 6012 = 32 @	32 FPH W	OB 17-19 R	PM 45-50 G	PM 380 MM	RPM 61		
07:00	07:30	0.5 S	ERVICE RIG	, CHECK COM	ſ						
07:30	06:00	22.5 D	RILL 6012 T	O 6709 = 697 @	30.9 FPH	WTOB 18-20	RPM 45-55	5 GPM 380 M	IMRPM 61 D	DIFF 100-250	
		M	W 10.4 VIS 3	38							

NO ACCIDENTS REPORTED , CREWS FULL , SAFTY MEETING , RIG SERVICE FUEL ON HAND 1571 USED 1346 CHECK COM X3 $\,$

FORMATION TOP NORTH HORN 6250 '

BG GAS 20-40u, CONNECTION GAS 20u, HIGH GAS 6293u

LITHOLOGY SAND 60% SHALE10% COAL 5% SILTSTONE 15% LIMESTONE 10%

08-21-20	007 Re	eported By	y T	OM HARKINS							
DailyCos	ts: Drilling	\$64	1,660	Cor	npletion	\$0		Dai	ly Total	\$64,660	
Cum Cos	ts: Drilling	\$43	35,883	Cor	npletion	\$0		Wel	l Total	\$435,883	
MD	7,438	TVD	7,438	Progress	729	Days	4	MW	10.5	Visc	44.0
Formatio	n:		PBTD : 0	0.0		Perf:			PKR De	pth : 0.0	
Activity a	at Report Ti	me: DRILI	LING								
Start	End	Hrs A	Activity Desc	cription							
06:00	08:30	2.5 I	ORILL 6709 T	O 6773 = 64 @ :	25.6 FPH V	VTOB 16-20	RPM 45-60	GPM 380 M	IMRPM 61 DI	FF 125-250	
08:30	09:00	0.5 S	ERVICE RIG	, CHECK COM	I						
09:00	06:00	21.0 I	ORILL 6773 T	O 7438 = 665 @	31.6 FPH	WTOB 16-2	0 RPM 45-6	0 GPM 380	MMRPM 61 D	DIFF 86-250	
		N	/W 10.8 VIS	38							
		N	IO ACCIDEN	TS REPORTED	, CREWS	FULL , SAF	TY MEETIN	G MIX CHE	MS PPE		
		C	CHECK COM	X 3 FUEL ON I	HAND 463	7 USED 143	4				
		F	ORMATION	TOP KMV PRIC	CE RIVER	6590					
		В	GG GAS 100-2	200u CONNEC	TION GAS	20u HIGH (GAS 6927				
		L	ITHOLOGY	SAND 60% SH	ALE 10% (COAL 10% S	SILTSTONE	5% LIMEST	TONE 5%		
08-22-20	007 Re	ported By	, To	OM HARKINS							
DailyCost	ts: Drilling	\$23	,623	Con	npletion	\$0		Dail	y Total	\$23,623	
Cum Cos	ts: Drilling	\$45	9,506	Con	npletion	\$0		Wel	l Total	\$459,506	
MD	7,840	TVD	7,840	Progress	402	Days	5	MW	10.7	Visc	45.0
Formatio	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: DRILL	ING								
Start	End	Hrs A	ctivity Desc	ription							
06:00	11:30	5.5 E	RILL 7438 TO	O 7561 = 123 @	24.6 WTO	B 17–22 RP	M 45-60 GP	M 380 MMR	PM61 DIFF 5	0-250	
11:30	12:00	0.5 S	ERVICE RIG	CHECK COM							
12:00	17:30	5.5 E	RILL 7561 TO	O 7751 = 190 @	34.5 FPH	RPM 45-50	GPM 380 M	MRPM 61			
17:30	19:00	1.5 C	IRCULATE F	OR TOH , DRO	P SURVEY	<i>!</i>					
19:00	20:30	1.5 T	RIP OUT TO	SHOE 2325'							
20:30	21:00	0.5 R	IG REPAIR U	ISE WELDER T	O C/O LA	TCH ON HO	OK				
21:00	22:00	1.0 T	RIP OUT HO	LE							
22:00	22:30	0.5 P	U/LD BHA &	TOOLS L/D RI	EAMERS A	ND MUD M	ITR / P/U N	EW MTR M	I/U BIT		
22:30	02:30	4.0 T	RIP IN HOLE	3							
02:30	04:00	1.5 W	ASH/REAM	120° 7571 TO 7	751 STICK	Y ON BTM	50' FILL				
04:00	06:00	2.0 D	RILL 7751 TO	O 7840 = 89 @ 4	14.5 FPH W	TOB 14-16	ROM 50 GP	М 378 ММБ	PM 60 DIFF	100-250 MW	10.9 VIS 40
		N	O ACCIDEN	TS REPORTED	, MOURN	NG TOUR S	SHORT ONE	HAND, SA	FTY MEETIN	IG TEAM WO	RK
		C	HECK COM	X3, FUEL ON	HAND 359	00 USED 104	17				
		F		TOP MIDDLE P							

LITHOLOGY SAND 50% SHALE 10% COAL 10% SILTSTONE 30% MUD LOGGER TOM STANDER ON LOCATION 0400 8~17~2007 DAY

		MU	D LOGGE	R TOM STAND	ER ON LO	CATION 0400	8-17-200	7 DAY5			
08-23-20	007 Re	ported By	T	OM HARKINS	BENNY I	BLACKWELL					
DailyCos	ts: Drilling	\$38,7	38	Con	apletion	\$0		Dail	y Total	\$38,738	
Cum Cos	ts: Drilling	\$498,2	245	Con	npletion	\$0		Well	Total	\$498,245	
MD	8,787	TVD	8,787	Progress	947	Days	6	MW	10.8	Visc	38.0
Formatio	n:		PBTD : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	me: DRLG @	8787'						•	•	
Start	End	Hrs Act	ivity Desc	cription							
06:00	09:00	3.0 DR	LL 7840 T	O 7956 = 116 @	38.6 FPH	WTOB 14-18 I	RPM 45-5	5 GPM 378 N	MMRPM 60 D	IFF 100-250	
09:00	09:30	0.5 SEF	VICE RIG	, CHECK COM							
09:30	06:00			Е F/ 7956' – 878 @ 40.5 FPH.	87', WOB	14 – 21K, RPM	@ TABLE	E 45, 2000 PS	SI @ 112 SPM	= 391 GPM =	62.5 RPM @
		SAI	ETY MEE	TINGS: ALL TO	OURS -WO	ORKING TONG	3S.				
		FUI	L CREWS	& NO ACCIDE	NTS.						
		CH	ECKED C-	O-M OK.							
		FUI	EL REC: 0	GAL.							
		FUI	EL ON HAI	ND: 2169 GAL.							
		FUI	EL USED: 1	1394 GAL.							
		VIS	: 36. WT: 1	1.5.							
		GA	S – BG: 300	0-500 U, TRIP:	107 U, CO	NNECTION: 50)–70 U, PI	EAK: 9500 U	i.		
		FO	RMATION:	SEGO.							
		LIT	HOLOGY:	SH – 30%, SS	– 30%, SII	TSTONE - 30°	%, COAL	- 10%.			
		MU	D LOGGEI	R TOM STANDI	ER DAYS:	6.					
08-24-20	007 Re	ported By	B	ENNY BLACKV	VELL						
DailyCost	ts: Drilling	\$49,00)2	Con	pletion	\$93,394		Daily	y Total	\$142,396	
Cum Cos	ts: Drilling	\$547,2	48	Com	pletion	\$93,394		Well	Total	\$640,642	
MD	8,840	TVD	8,840	Progress	53	Days	7	MW	11.8	Visc	35.0
Formatio	n:		PBTD: 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Tir	ne: CIRCUL	ATE FOR C	EMENT							
Start	End	Hrs Act	ivity Desc	ription							
06:00	08:30			E F/ 8787' – 884 PR, 53' @ 21.2 F) PSI @ 112 S	PM = 391 GPM	I = 62.5
08:30											
00.50	12:00			OR WIPER TRI BARITE (MUI				S GAS CUT	– CIRC & CO	NDITION MU	DW/LIME
12:00	12:00 12:30	FOR	CO2 AND					S GAS CUT	– CIRC & CC	NDITION MU	D W/ LIME
		FOF 0.5 BUI	CO2 AND LD AND P	BARITE (MUI	WT. FRO	M 11.5+ TO 11	.8).	S GAS CUT	– CIRC & CO	NDITION MU	D W/ LIME
12:00	12:30	0.5 BUI 2.0 WIF	CO2 AND LD AND P ER TRIP/S	BARITE (MUI UMP PILL.	9 STDS -	M 11.5+ TO 11	.8). OBLEMS			NDITION MU	D W/ LIME
12:00 12:30	12:30 14:30	FOR 0.5 BUI 2.0 WIF 1.0 CIR	CO2 AND LD AND P ER TRIP/S C. BEFORI	BARITE (MUI UMP PILL. HORT TRIP – 2	9 STDS -	M 11.5+ TO 11	.8). OBLEMS			NDITION MU	D W/ LIME
12:00 12:30 14:30	12:30 14:30 15:30	FOR 0.5 BUI 2.0 WIF 1.0 CIR 0.5 SUR	CO2 AND LD AND P ER TRIP/S C. BEFORI	D BARITE (MUI UMP PILL. HORT TRIP – 2 E L/D D.P. – NO	O WT. FRO	M 11.5+ TO 11 NO HOLE PRO GAS CUT MUI	.8). OBLEMS			NDITION MU	D W/ LIME
12:00 12:30 14:30 15:30	12:30 14:30 15:30 16:00	FOR 0.5 BUI 2.0 WIF 1.0 CIR 0.5 SUR 5.5 LD	CO2 AND LD AND P ER TRIP/S C. BEFORI	D BARITE (MUI UMP PILL. HORT TRIP – 2 E L/D D.P. – NO OP SURVEY. E, D.C'S AND E	O WT. FRO	M 11.5+ TO 11 NO HOLE PRO GAS CUT MUI	.8). OBLEMS			NDITION MU	D W/ LIME

22:00	22:30	0.5 HSM – RU CASING CREW.
22:30	04:00	5.5 RUN 204 JTS OF 4 1/2", 11.6#, N–80, LTC R–3 CASING TO 8813' AS FOLLOWS: 1 EA. CONVENTIONAL FLOAT SHOE (1.00') SET @ 8813', 1 SHOE JT. CSG (43.37'), 1 EA. CONVENTIONAL FLOAT COLLAR (1.50') SET W/TOP OF FLOAT @ 8766.38', 61 JTS CSG (2615.04'), 1 EA. HCP–110 MARKER JTS (22.28') SET @ 612960', 51 JTS CSG (2192.36'), 1 EA. HCP–110 MARKER JT. (22.16') SET @ 3915.08', 91 JTS CSG (3898.43'), 1 PUP JT (5.00), 1 CASING HANGER (0.65), 1 LANDING JT 11.00'. TAGGED BOTTOM AND L/D TAG JT.
04:00	04:30	0.5 LAND CASING IN CASING HEAD AND PULL UP 2' - RIG UP TO CIRC.
04:30	06:00	1.5 CIRCULATE BOTTOMS UP BEFORE CEMENTING.
		SAFETY MEETINGS: DAYS-SLIPPERY SURFACES, EVENINGS-L/D DP, NIGHTS-RUN CSG. FULL CREWS & NO ACCIDENTS. CHECKED C-O-M OK. FUEL REC:2000 GAL. FUEL ON HAND:3366 GAL. FUEL USED: 803 GAL. VIS: 36. WT: 11.8. GAS - BG: 1200 U, TRIP: 107 U, CONNECTION: 50-70 U, PEAK: 9500 U. FORMATION: SEGO - TOP @ 8599'. LITHOLOGY: SH - 20%, SS - 40%, SILTSTONE - 30%, COAL - 10%.

MUD LOGGER TOM STANDER DAYS: 7, MUD LOGGER OFF OF LOCATION @ 18:00 HRS 23 AUG 2007

08-25-20	007 R	eported I	Ву В	ENNY BLACKV	VELL							
DailyCost	ts: Drilling	\$:	31,420	Com	pletion	\$51,977		Daily Total		\$83,397		
Cum Cost	ts: Drilling	\$578,668		Completion		\$145,371		Well '	\$724,039			
MD	8,840	TVD	8,840	Progress	0	Days	8	MW	0.0	Visc		0.0
Formatio	n:		PBTD : (D : 0.0		Perf:			PKR De	pth: 0.0		
Activity a	t Report Ti	me: RDR	т									
Start	End	Hrs	Activity Des	cription								
06:00	08:30	2.5	CIRCULATE 4	1/2" CSG FOR	CEMENT.							
08:30	09:00	0.5	RIG UP CEME	ENTERS.								
09:00	11:00	2.0		EST LINES TO 5		20 BBLS OF CH	HEMICA	L WASH ANI	20 BBLS C	F FRESH V	WATER	
				SS (133 BBLS) 35 /sk D130+.2% D					5 3/FT SX YI	LD.+6% D0)206+2%	
			TAIL: 1470 SK D167+.1% D04	KS (349 BBLS) 50 46+.1% D013.)/50 POZ '	'G" CEMENT MI	IXED @	14.1 PPG, 1.2	9 YLD.+2%	D020+.2%	D065+.2	%
				LS OF FRESH W SI, 1000 PSI OVE 2007.		,						
11:00	15:00	4.0	LAND CASIN	G WITH 80,000#	ON HAN	GER						
			OKAY. RIG D	CE TOOLS RIO OWN HEAD @ CLEANING PIT	12:00 HRS	AFTER WAITI			_ ,			
15:00	06:00	15.0	RIG DOWN -	L/D DERRICK	AND REP	LACE BLOCKS.	RIG DO	WN OUT BU	ILDINGS.			

SAFETY MEETINGS: DAYS-CEMENTING, EVENINGS-RIG DOWN DP, NIGHTS-RIG DOWN.

FULL CREWS & NO ACCIDENTS.

CHECKED C-O-M OK.

FUEL REC: 0 GAL.

FUEL ON HAND:3216 GAL.

FUEL USED: 105 GAL.

VIS: . WT:.

GAS - BG: U, TRIP: U, CONNECTION: U, PEAK: U.

FORMATION: - TOP @ '.

LITHOLOGY: SH - %, SS - %, SILTSTONE - %, COAL - %.

NO MUD LOGGER ON LOCATION.

TRANSFERRED 3216 GALS DIESEL AND 129.12' OF 4 1/2", 11.6#, N-80, LTC, R-3 CSG, FROM WELL CWU 1239-28 (AFE # 304044) TO WELL CWU 815-28 (AFE # 303611).

RIG MOVE TO CWU 815-28 IS 2.2 MILES.

06:00

18.0 RIG RELEASED @ 15:00 HRS 24 AUG 2007

CASING POINT COST \$ 578,668

										
08-31-2007	Reported	By S	EARLE							
DailyCosts: Drill	ling	\$0	Com	pletion	\$42,822		Daily	Total	\$42,822	
Cum Costs: Dril	ling	\$578,668	Com	pletion	\$188,193		Well 7	Fotal	\$766,861	
MD 8,8	40 TVD	8,840	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation :		PBTD:	3767.0		Perf:			PKR Dej	pth: 0.0	
Activity at Repo	rt Time: PR	EP FOR FRACS								
Start End	Hrs	Activity Des	cription							
06:00 06:	00 24.	0 MIRU SCHLU RD SCHLUMI		G WITH R	ST/CBL/CCL/V	DL/GR F	FROM PBTD T	O 200'. EST	CEMENT TOP	@ 1260
09-07-2007	Reported	By M	ICCURDY							
DailyCosts: Drill	ling	\$0	Com	pletion	\$1,780		Daily	Total	\$1,780	
Cum Costs: Dril	ling	\$578,668	Com	pletion	\$189,973		Well 7	l'otal	\$768,641	
MD 8,8	40 TVD	8,840	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation :		PBTD : 8	3767.0		Perf:			PKR De	oth: 0.0	
Activity at Repor	rt Time: WO	COMPLETION								
Start End	Hrs	Activity Desc	cription							
14:00 15:	00 1.0	0 NU 10M FRAC	TREE. PRESSU	JRE TEST	ED FRAC TREE	& CASI	ING TO 6500 I	PSIG. WO C	OMPLETION.	
9-11-2007	Reported	Ву Н	OOLEY							
DailyCosts: Drill	ing	\$0	Com	pletion	\$12,209		Daily	Total	\$12,209	
Cum Costs: Drill	ling	\$578,668	Com	pletion	\$202,182		Well 7	l'otal	\$780,850	
MD 8,8	40 TVD	8,840	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation : MES	SAVERDE	PBTD : 8	3767.0		Perf: 7425-8	590		PKR De _l	oth: 0.0	
Activity at Repor	rt Time: FR	AC MESAVERDI	Е.							

06:00 1

18:00

12.0 SICP 0 PSIG. RU CUTTERS WIRELINE. PERFORATED LPR FROM 8589–90', 8581–82', 8574–75', 8539–40', 8532–33', 8497–98', 8480–81', 8474–75', 8452–53', 8427–28', 8414–15', 8400–01', 8386–87' AND 8370–71' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 5168 GAL WF120 PAD, 65408 GAL WF120 & YF116ST+ WITH 182400# 20/40 SAND @ 1–4 PPG. SCREENED OUT 10 BBLS SHORT OF FLUSH. MTP 7923 PSIG. MTR 51.0 BPM. ATP 4662 PSIG. ATR 45.9 BPM. RD SCHLUMBERGER. FLOWED 1 HR ON 24/64 CHOKE TO CLEAN UP.

RUWL. SET 10K CFP AT 8235'. PERFORATED MPR/LPR FROM 8219–20', 8212–13', 8197–98', 8190–91', 8111–12', 8094–95', 8079–81', 8062–63', 8044–45', 8015–16' AND 8010–11' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 4834 GAL YF120ST+ PAD, 52034 GAL YF120ST+ WITH 139900# 20/40 SAND @ 1–4 PPG. MTP 6577 PSIG. MTR 51.0 BPM. ATP 4996 PSIG. ATR 39.3 BPM. ISIP 2800 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7985'. PERFORATED MPR FROM 7969–70', 7964–65', 7924–25', 7880–81', 7871–72', 7849–50', 7830–31', 7824–25', 7797–98', 7784–85', 7774–75' AND 7765–66' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 5221 GAL YF120ST+ PAD, 52865 GAL YF120ST+ WITH 127400# 20/40 SAND @ 1–4 PPG. MTP 6454 PSIG. MTR 50.0 BPM. ATP 5133 PSIG. ATR 42.2 BPM. ISIP 2400 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7670'. PERFORATED MPR FROM 7655–56', 7630–31', 7568–69', 7552–53', 7540–41', 7530–31', 7510–11', 7489–90', 7481–82', 7456–57', 7446–47' AND 7425–26' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 6215 GAL WF120 PAD, 75811 GAL WF120 & YF116ST+ WITH 217200# 20/40 SAND @ 1–5 PPG. MTP 6604 PSIG. MTR 50.1 BPM. ATP 3528 PSIG. ATR 36.5 BPM. ISIP 2300 PSIG. RD SCHLUMBERGER.

SDFN.

09-12-2007	Re	eported By	H	OOLEY							
DailyCosts: D	rilling	\$0		Con	npletion	\$315,694		Daily	Total	\$315,694	
Cum Costs: D	rilling	\$57	8,668	Con	npletion	\$517,876		Well'	Total	\$1,096,544	
MD	8,840	TVD	8,840	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation : M	IESAVE	RDE	PBTD : 8	767.0		Perf: 6617-8	8590		PKR Der	oth: 0.0	

Activity at Report Time: PREP TO MIRUSU

Start	End	Hrs	Activity Description
Juni	Liiu	1113	Activity Description

06:00 19:00

13.0 SICP 1800 PSIG. RUWL. SET 10K CFP AT 7380'. PERFORATED UPR FROM 7365–66', 7362–63', 7356–57', 7340–41', 7300–01', 7287–88', 7267–68', 7258–59', 7211–13', 7187–88' AND 7181–82' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. DECK SIDE OF BLENDER WASHED OUT. DOWN 6 HRS FOR REPAIR. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 3744 GAL WF120 PAD, 43422 GAL WF120 & YF116ST+ WITH 116200# 20/40 SAND @ 1–5 PPG. MTP 5358 PSIG. MTR 51.0 BPM. ATP 4080 PSIG. ATR 46.5 BPM. ISIP 2300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7145'. PERFORATED UPR FROM 7128–29', 7123–24', 7115–16', 7094–95', 7052–53', 7037–38', 6976–77', 6965–66', 6955–56'-, 6926–27', 6917–18' AND 6901–02' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 3725 GAL WF120 PAD, 42895 GAL WF120 & YF116ST+ WITH 112100# 20/40 SAND @ 1–5 PPG. MTP 4939 PSIG. MTR 50.9 BPM. ATP 3016 PSIG. ATR 46.0 BPM. ISIP 2000 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6870'. PERFORATED UPR FROM 6852–53', 6845–46', 6826–27', 6817–18', 6799–6800', 6744–45', 6693–94', 6667–68', 6660–61', 6640–41', 6624–25' AND 6617–18' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 4127 GAL WF120 PAD, 49129 GAL WF120 & YF116ST+ WITH 135500# 20/40 SAND @ 1–5 PPG. MTP 4971 PSIG. MTR 51.1 BPM. ATP 3165 PSIG. ATR 45.0 BPM. ISIP 2300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP @ 6535'. BLED OFF PRESSURE. RDWL. SDFN.

DailyCosts: Drilling \$0 \$24,045 \$24,045 Completion **Daily Total Cum Costs: Drilling** \$578,668 Completion \$541,921 Well Total \$1,120,589 MD 8,840 TVD 8,840 12 0.0 0.0 **Progress** Days MWVisc **Formation:** MESAVERDE **PBTD:** 8767.0 Perf: 6617-8590 PKR Depth: 0.0 Activity at Report Time: CLEAN OUT AFTER FRAC Start End Hrs **Activity Description** 07:00 10.0 MIRUSU. ND FRAC TREE. NU BOPE. RIH W/MILL & PUMP OFF BIT SUB TO CBP @ 6535'. RU POWER SWIVEL. 17:00 SDFN. 09-14-2007 Reported By BAUSCH \$0 \$8,635 \$8,635 DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** \$578,668 Completion \$550,556 Well Total \$1,129,224 MD 8,840 TVD 8,840 13 MW 0.0 0.0 **Progress** Days Visc **Formation:** MESAVERDE **PBTD:** 8740.0 Perf: 6617-8590 PKR Depth: 0.0 Activity at Report Time: C/O AFTER FRAC. LAND TBG, RDMOSU, FLOW TEST. Start End Hrs **Activity Description** 07:00 10.0 SICP 0 PSIG. HOLD SAFETY MTG. CLEANED OUT & DRILLED OUT PLUGS @ 6535', 6870', 7145', 7380', 7670', 17:00 7985' & 8235'. RIH. CLEANED OUT TO PBTD @ 8740'. CIRCULATE CLEAN. LD 47 JTS. LANDED TBG AT 7214.02' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU. FLOWED 14 HRS. 16/64" CHOKE, FTP 1700 PSIG. CP 2050 PSIG. 46 BFPH. RECOVERED 673 BLW. 9328 BLWTR. TUBING DETAIL LENGTH PUMP OFF SUB 1.00' 1 JT 2-3/8 4.7# N-80 TBG 32.66' XN NIPPLE 1.30' 220 JTS 2-3/8 4.7# N-80 TBG 7165.41' 2 3/8 N-80 NIPPLE W COUPLING 0.65" BELOW KB 13.00' LANDED @ 7214.02' KB BAUSCH 09-15-2007 Reported By \$0 \$3,280 DailyCosts: Drilling Completion **Daily Total** \$3,280 **Cum Costs: Drilling** \$578,668 Completion \$553,836 Well Total \$1,132,504 MD 8,840 TVD 8,840 **Progress** 0 Days 14 MW 0.0 Visc 0.0 **PBTD:** 8740.0 Formation: MESAVERDE Perf: 6617-8590 PKR Depth: 0.0 **Activity at Report Time: FLOW TEST** Start End Hrs **Activity Description** 06:00 06:00 24.0 FLOWED 24 HRS. 16/64" CHOKE. FTP 1700 PSIG. CP 2400 PSIG. 38 BFPH. RECOVERED 914 BLW. 8414 BLWTR. BAUSCH 09-16-2007 Reported By DailyCosts: Drilling \$0 \$2,615 **Daily Total** \$2,615 Completion **Cum Costs: Drilling** \$578,668 Completion \$556,451 Well Total \$1,135,119 MD 8,840 TVD 8,840 0 15 MW 0.0 0.0 **Progress** Visc **Days** Formation: MESAVERDE **PBTD:** 8740.0 Perf: 6617-8590 PKR Depth: 0.0

Well Name: CWU 1239-28 Property: 059172

Activity at Report Time: FLOW TEST

Hrs Start End **Activity Description**

06:00 06:00 24.0 FLOWED 24 HRS, 16/64" CHOKE. FTP 1700 PSIG. CP 2900 PSIG. 34 BFPH. RECOVERED 761 BLW. 7653 BLWTR.

BAUSCH 09-17-2007 Reported By

DailyCosts: Drilling \$0 \$2,615 **Daily Total** \$2,615 Completion \$1,137,734 \$578,668 \$559,066 Well Total **Cum Costs: Drilling** Completion

0 0.0 MD 8,840 **TVD** 8,840 0.0 **Progress** Days 16 MWVisc

Formation: MESAVERDE **PBTD**: 8740.0 Perf: 6617-8590 PKR Depth: 0.0

Activity at Report Time: WO FACILITIES

12-21-2007

Start End Hrs **Activity Description**

24.0 FLOWED 24 HRS. 16/64" CHOKE. FTP 1750 PSIG. CP 2750 PSIG. 21 BFPH. RECOVERED 587 BLW. 7066 BLWTR. 06:00 06:00

SI. WO FACILITIES.

FINAL COMPLETION DATE: 9/16/07

HEATH LEMON

Reported By \$0 \$0 **Daily Total** \$0 DailyCosts: Drilling Completion

\$578,668 \$559,066 **Cum Costs: Drilling** Completion **Well Total** \$1,137,734

MD 8,840 TVD 8,840 **Progress** 0 Days 17 MW 0.0 Visc 0.0

Formation: MESAVERDE **PBTD:** 8740.0 PKR Depth: 0.0 Perf: 6617-8590

Activity at Report Time: INITIAL PRODUCTION-FIRST GAS SALES

Start End Hrs **Activity Description**

24.0 INITIAL PRODUCTION. FIRST GAS SALES: OPENING PRESSURE: TP 1600 & CP 3100 PSI. TURNED WELL TO 06:00 06:00 QUESTAR SALES AT 9:00 AM, 12/20/07. FLOWED 180 MCFD RATE ON 12/64" POS CHOKE. STATIC 352.

0.0

MICHAEL WHITE 12-26-2007 Reported By \$0 DailyCosts: Drilling \$0 Completion \$0 **Daily Total Cum Costs: Drilling** \$578,668 Completion \$559,066 **Well Total** \$1,137,734

MD 8,840 TVD 8,840 **Progress** Days 18 MW0.0 Visc

Formation: MESAVERDE **PBTD:** 8740.0 Perf: 6617-8590 PKR Depth: 0.0

Activity at Report Time: ON SALES

Start End Hrs **Activity Description**

06:00 24.0 12/22/07 FLOWED 283 MCF, 40 BC & 360 BW IN 24 HRS ON 12/64" CK, FTP 1600 & CP 3100 PSIG. 06:00

12/23/07 FLOWED 856 MCF, 5 BC & 320 BW IN 24 HRS ON 12/64" CK, FTP 1600 & CP 3100 PSIG.

12/24/07 FLOWED 969 MCF, 20 BC & 240 BW IN 24 HRS ON 12/64" CK, FTP 1600 & CP 3100 PSIG.

12/25/07 FLOWED 970 MCF, 15 BC & 250 BW IN 24 HRS ON 12/64" CK, FTP 1000 & CP 3100 PSIG.

12/26/07 FLOWED 1184 MCF, 17 BC & 160 BW IN 24 HRS ON 12/64" CK, FTP 975 & CP 3075 PSIG.



UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

			BUREAU	J OF LA	ND MAN	IAGEME	NT					Expire	es: July	y 31, 2010
	WELL (COMPL	ETION C	R REC	OMPLE	TION R	EPOR	T AND L	_og			ease Serial N TU0336A	o.	
la. Type o	f Well 🔲	Oil Well	⊠ Gas '	Well [Dry	Other					6. If	Indian, Allo	ttee o	r Tribe Name
b. Type o	f Completion	_		☐ Work	Over [Deepen	☐ Plu	ig Back	Diff. F	lesvr.	7. Ui	nit or CA Ag	reem	ent Name and No.
2. Name of	f Operator	Othe	er		Contac	t: MARY	A MAES	TAS			_ c	HAPITA W ease Name at	ELLS	S UNI
EOG F	RESOURCE				ary_maest	as@eogre	sources.	com			С	HAPITA W		UNIT 1239-28
	600 17TH DENVER,	, CO 802	202			Pf	n: 303-8	54-5526	e area code)	<u> </u>	PI Well No.		43-047-38076
	n of Well (Re	•	·				•	ts)*			10. F	Field and Pool IATURAL B	ol, or l	Exploratory ES/MESAVERDE
At surface NENE 470FNL 777FEL 40.01291 N Lat, 109.32527 W Lon At top prod interval reported below NENE 470FNL 777FEL 40.01291 N Lat, 109.32527 W Lon											11. 5	Sec., T., R., N r Area Sec	4., or 28 T	Block and Survey 9S R23E Mer SLB
At total		•					-	09.32527	W LON		12. (County or Pa	rish	13. State
14. Date St	14. Date Spudded 15. Date T.D. Reached 16. Date Completed 08/03/2007 □ D & A 53 Ready to Prod.									Elevations (D	F, KI B GL			
18. Total D	Depth:	MD	8840	1	9. Plug Ba	ack T.D.:	MD	20/2007 87	40	20. Dej	oth Bri	dge Plug Set		MD
21. Type E	lectric & Oth	TVD er Mecha	nical Logs R	un (Submi	it copy of e	ach)	TVD		22. Was	well core	i ?	⊠ No □		TVD (Submit analysis)
	Electric & Oth BL/CCL/ \(D)								Was	DST run? tional Su		Mo □	ן Yes	(Submit analysis) (Submit analysis)
23. Casing a	nd Liner Reco	ora (<i>Kepa</i>	ort all strings	set in well Top	Botto	om Stage	e Cemente	n No.	of Sks. &	Slurry	Vol			
Hole Size	Size/G	rade	Wt. (#/ft.)	(MD)			Depth		of Cement	(BB		Cement Te	op*	Amount Pulled
12.250		325 J-55	36.0		_	2339		1	595	1				
7.875	4.5	00 N-80	11.6		0 8	3813			1870					
										 				
		-												
24. Tubing	Record										,			
Size 2.375	Depth Set (M	(ID) P 7214	acker Depth	(MD)	Size	Depth Set ((MD)	Packer De	pth (MD)	Size	De	pth Set (MD)	Packer Depth (MD)
	ng Intervals					26. Perfo	ration Re	cord						
Fe	ormation		Тор		Bottom		Perforate	d Interval		Size	1	No. Holes		Perf. Status
_A)	MESAVE	RDE		6617	8590				O 8590		\bot	3		
<u>B)</u>					<u>.</u>				O 8220		-	3		
<u>C)</u>									O 7970		+	3		
D) 27 Acid Fi	racture, Treat	ment Cer	nent Squeeze	Etc		<u>L</u>		7425 1	O 7656			3		
	Depth Interva		nom oqueeze	, Dtc.				Amount and	d Type of M	faterial				
			590 70,741 (GALS GEL	LED WATE	R & 182,40								
	80	10 TO 82	220 57,033 (ALS GEL	LED WATE	R & 139,90	00# 20/40	SAND						
			970 58,251 (
20 Dundmat	74 ion - Interval		82,191	GALS GEL	LED WATE	R & 217,20	00# 20/40	SAND						
Date First	Test	Hours	Test	Oil	Gas	Water	Loit	Gravity	Gas		Product	ion Method		
Produced 12/20/2007	Date 12/28/2007	Tested 24	Production	BBL 100.0	MCF 703.0	BBL	Cor	r, API	Gravit	у	110000		SFR	OM WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas		Well S	tatus				·
Size 12/64"	Flwg. 1900 SI	Press. 2250.0	Rate	BBL 100	MCF 703	BBL 16	O Rati	0		egw				
28a. Produc	ction - Interva	ıl B												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		Gravity r. API	Gas Gravit	y	Product	ion Method		
Choke Size	Tbg, Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Rati		Well S	tatus	L			

SI

28b. Pro	duction - Inter	val C									<u></u>
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	V	Well Status		
28c. Proc	duction - Inter	val D		1	·						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	V	Well Status		
	osition of Gas	(Sold, used	for fuel, ven	ted, etc.)	<u> </u>			I		······	
SOL 30. Sumi	nary of Porou	s Zones (Ir	nclude Aquif	ers):					31. Fo	rmation (Log) Markers	
tests,	all important including depectories.	zones of poth interval	orosity and o	contents there on used, tim	eof: Core e tool ope	d intervals an en, flowing ar	d all drill-stem nd shut-in press	ures			
	Formation		Тор	Bottom		Descript	ions, Contents,	etc.		Name	Top Meas. Depth
32. Addin Pleas	tional remarks	s (include p hed sheet	6617	edure):	informa	tion.			CH Bl PF MI LC	ASATCH HAPITA WELLS JICK CANYON RICE RIVER DDLE PRICE RIVER DWER PRICE RIVER EGO	4426 4993 5653 6537 7339 8113 8635
1. El 5. Su	e enclosed att ectrical/Mech andry Notice in the eby certify that	anical Log	g and cement	t verification	ation is co	7870 Verifie	nalysis orrect as determed by the BLM	Well Info	ormation Sy	e records (see attached instruct	onal Survey
Nome	e(please print	I MARV A	MAFSTAG		or EOG I	KESOURCE	S, INC., sent 1		nal .ATORY AS	SSISTANT	
	· ~		Λ	~\\\						OIOTAIT	
Signa	ature	VAEIBUNO	atc Subtotiss	sion) / //	and	<u> </u>	Dat	e <u>01/07/2</u>	008		
Title 18 U	U.S.C. Section	1 1001 and	Title 43 U.S	.C. Section 1	212, mak	e it a crime for	or any person k	nowingly	and willfully	to make to any department or	agency

Chapita Wells Unit 1239-28 - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

7181-7366	3/spf
6901-7129	3/spf
6617-6853	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7181-7366	47,331 GALS GELLED WATER & 116,200# 20/40 SAND
6901-7129	46,785 GALS GELLED WATER & 112,100# 20/40 SAND
6617-6853	53,421 GALS GELLED WATER & 135,500# 20/40 SAND

Perforated the Lower Price River from 8370-8371', 8386-8387', 8400-8401', 8414-8415', 8427-8428', 8452-8453', 8474-8475', 8480-8481', 8497-8498', 8532-8533', 8539-8540', 8574-8575', 8581-8582' & 8589-8590' w/ 3 spf.

Perforated the Middle/Lower Price River from 8010-8011', 8015-8016', 8044-8045', 8062-8063', 8079-8081', 8094-8095', 8111-8112', 8190-8191', 8197-8198', 8212-8213' & 8219-8220' w/ 3 spf.

Perforated the Middle Price River from 7765-7766', 7774-7775', 7784-7785', 7797-7798', 7824-7825', 7830-7831', 7849-7850', 7871-7872', 7880-7881', 7924-7925', 7964-7965' & 7969-7970' w/ 3 spf.

Perforated the Middle Price River from 7425-7426', 7446-7447', 7456-7457', 7481-7482', 7489-7490', 7510-7511', 7530-7531', 7540-7541', 7552-7553', 7568-7569', 7630-7631' & 7655-7656' w/ 3 spf.

Perforated the Upper Price River from 7181-7182', 7187-7188', 7211-7213', 7258-7259', 7267-7268', 7287-7288', 7300-7301', 7340-7341', 7356-7357', 7362-7363' & 7365-7366' w/ 3 spf.

Perforated the Upper Price River from 6901-6902', 6917-6918', 6926-6927', 6955-6956', 6965-6966', 6976-6977', 7037-7038', 7052-7053', 7094-7095', 7115-7116', 7123-7124' & 7128-7129' w/ 3 spf.

Perforated the Upper Price River from 6617-6618', 6624-6625', 6640-6641', 6660-6661', 6667-6668', 6693-6694', 6744-6745', 6799-6800', 6817-6818', 6826-6827', 6845-6846' & 6852-6853' w/ 3 spf.

STATE OF UTAHDEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

REPORT O	- WATER	ENCOUNTERED	DURING	DRILLING
----------	---------	-------------	--------	----------

							
	d number: <u>CW</u>	U 1239-28			-		
API number: _	4304738076						
Well Location:	QQ <u>NENE</u> Se	ction <u>28</u> T	ownship <u>9S</u> Range <u>23E</u>	_ County	UINTAH		
Well operator:	EOG						
Address:	1060 E HWY	40					
	city VERNAL		state UT zip 84078	Phon	e: (435) 781-9111		
Drilling contract	ctor: PRO PET	RO					
Address:	PO BOX 827						
	city VERNAL state UT zip 84078 Phone: (435) 789-4729						
Water encoun	tered (attach ac						
	·				OLIAN ITY	٦	
	DEP FROM	TO	VOLUME (FLOW RATE OR HEAD)		QUALITY (FRESH OR SALTY)		
	1,440 1,450 NO FLOW				NOT KNOWN		
	1,740	1,760 NO FLOW			NOT KNOWN	1	
]	
ļ							
l						_	
Formation tops (Top to Bottom			2		3		
(TOP to Botton	4		5		6		
	7		8		9		
	10		11		12		
le an analysis l		-£41		· · · - - £ A	ha namant ta thia fanna		
if an analysis i	nas been made	of the water e	encountered, please attach a	copy of t	ne report to this form.		
I hereby certify t	that this report is t	rue and complet	e to the best of my knowledge.				
NAME (DI SASS DDI	Mary A. Mae	estas	TITLE	Regula	atory Assistant		
_	γ\Λ <u>Λ</u>	7 7/10		1/7/200			
SIGNATURE	I VUSY	$\lambda = W L$	DATE DATE				
(5/2000)	\sim						



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO 3180 UT-922

December 4, 2008

Debbie Spears EOG Resources, Inc. 600 17th Street, Suite 1000N Denver, CO 80202

Re:

1st Revision to the Consolidated Mesaverde Formation PA

"A-Z, AA-BB" Chapita Wells Unit

Uintah County, Utah

Dear Ms. Spears:

The 1st Revision to the Consolidated Mesaverde Formation PA "A-Z, AA-BB", Chapita Wells Unit, CRS No. UTU63013BF, AFS No. 892000905BF, is hereby approved effective as of December 1, 2007, pursuant to Section 11 of the Chapita Wells Unit Agreement, Uintah County, Utah.

The 1st Revision to the Consolidated Mesaverde Formation PA "A-Z, AA-BB" results in an initial consolidated participating area of 17,410.04 acres and is based upon the completion of the following wells as capable of producing unitized substances in paying quantities.

To	136.	50

WELL NO.	API NO.	LOCATION	LEASE NO.
CWU 1170-20	43-047-37694	SW1/4SW1/4, 20-9S-23E	UTU29535
CWU 1232-20	43-047-38065	NE14SW14, 20-9S-23E	UTU0336A
CWU 1234-20	43-047-38063	SE1/4SE1/4, 20-9S-23E	UTU0336A
CWU 816-28	43-047-36926	SE1/4SE1/4, 28-9S-23E	UTU0336A
CWU 1122-28	43-047-37693	NE14NW14, 28-9S-23E	UTU0336A
CWU 1239-28	43 -0 47-38076	NE14NE14, 28-9S-23E	UTU0336A

16288

RECEIVED
DEC 0 8 2008

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 1st Revision to the Consolidated Mesaverde Formation PA "A-Z, AA-BB", Chapita Wells Unit, and the effective date.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond Chief, Branch of Fluid Minerals

Enclosure

bcc: L

UDOGM

SITLA

MMS - MRM (Attn: Leona Reilly) Field Manager - Vernal w/enclosure Chapita Wells Unit w/enclosure

Fluids - Mickey Agr. Sec. Chron. Reading File Central Files

UT922:LWilcken:lw:12/04/08:CWU MSVD Consol A-Z, AA-BB 1st Rev (U63013BF)

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

EOG RESOURCES

Operator Account Number: N 9550

Address:

1060 East Highway 40

city VERNAL

state UT zip 84078 Phone Number: (435) 781-9145

Well 1

API Number	Well	Name	QQ Sec Twp		Rng County		
43-047-37693	CHAPITA WELLS UNIT 1122-28		NENW	28	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		te	Entity Assignment Effective Date	
С	16334	13650	8/25/2007		12/1/2007		

API Number	Well I	ame QQ Sec Tw		Twp	Rng County		
43-047-38076	CHAPITA WELLS UNIT 1239-28		NENE	28	98	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
С	16288	13650	8/3/2007		12/1/2007		

Well 3

API Number	Well	Name			Rng County			
43-047-36756	CHAPITA WELLS UN	IT 673-06			9S	S 23E UINT		
Action Code	Current Entity Number	•			Entity Assignment Effective Date			
С	15520 -	4905	7/14/2006			10/1/2006		

ACTION CODES:

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Mickenzie Thacker Name (Please Print)

Operations Clerk

12/31/2008

Title

Date

(5/2000)

RECEIVED

DEC 3 1 2008



UNITED STATES DEPARTMENT OF THE INTERIOR

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5. Lease Serial No. UTU0336A

6.	If Indian.	Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS		
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other					8. Well Name and No. CHAPITA WELLS UNIT 1239-28		
2. Name of Operator Contact: MICKENZIE THACKER E-Mail: MICKENZIE_THACKER@EOGRESOURCES.COM 3a. Address 3b. Phone No. (include area code)					9. API Well No. 43-047-38076		
3a. Address 1060 E. HWY 40 VERNAL, UT 84078)	10. Field and Pool, or Exploratory NATURAL BUTTES					
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11. County or Parish, and State		
Sec 28 T9S R23E NENE 470FNL 777FEL 40.01291 N Lat, 109.32527 W Lon					UINTAH COUNTY, UT		
12. CHECK APPI	EPORT, OR OTHE	R DATA					
TYPE OF SUBMISSION	F ACTION						
☐ Notice of Intent	☐ Acidize	☐ Dee	epen		ion (Start/Resume)	■ Water Shut-Off	
	☐ Alter Casing	☐ Frac	ture Treat	■ Reclamation		■ Well Integrity	
Subsequent Report	Casing Repair	■ Nev	Construction	☐ Recomp	olete	☐ Other	
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	☐ Tempor	arily Abandon		
	☐ Convert to Injection	Plug	Back	■ Water I	er Disposal		
following completion of the involved testing has been completed. Final At determined that the site is ready for firm the reserve pit on the reference procedure.	nandonment Notices shall be fil inal inspection.) ced location was closed o	ed only after all	requirements, inclu	ding reclamatio	new interval, a Form 316 n, have been completed,	0-4 shall be filed once and the operator has	
14. I hereby certify that the foregoing is true and correct. Electronic Submission #66960 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal							
Name (Printed/Typed) MICKENZIE THACKER Title OPERATIONS CL					ERK		
Signature Date 02/04/2009							
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE		
Approved By	•		Title			Date	
Conditions of approval, if any, are attached	d. Approval of this notice does	not warrant or					
pertify that the applicant holds legal or equivilent would entitle the applicant to condu	itable title to those rights in the	subject lease	Office				
	itle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.						